For Service Manuals Contact
MAURITRON TECHNICAL SERVICES
8 Cherry Tree Rd, Chinnor
Oxon OX9 4QY
Tel:- 01844-351694 Fax:- 01844-352554
Email:- enquiries@mauritron.co.uk



## BEOMASTER 1000, TYPES 2316 AND 2317.

1200

TECHNICAL DATA

Meets minimum specifications for DIN 45500.

DIMENSIONS AND WEIGHT

| | |
|---|---|
| Dimensions: | 505 mm wide, 87 mm high, 254 mm deep (19 7/8 × 3 7/16 × 10 in.) |
| Weight: | 5.5 kg (12.1 lbs). |

SUPPLY VOLTAGE

| | |
|---|---|
| Voltage: | 110-130-220-240 volts AC |
| Frequency: | 50-60 Hz. |
| Power consumption: | 20-120 watts. |

EXTERNAL CONNECTIONS

| | |
|---|---|
| Inputs: | |
| Gramophone I: | 500 kΩ - 200 mV/1000 Hz |
| Gramophone II: | 40 kΩ - 4 mV/1000 Hz |
| Gramophone II: | Modified for microphone input, 200 Ω - 100 μV/1000 Hz |
| Tape recorder: | 500 kΩ - 200 mV/1000 Hz |
| Aerial: | 75 - 240 Ω. |
| Outputs: | Two pairs of speaker outputs, 2 × 4 Ω. |
| Tape recorder: | 82 kΩ - 100 mV/1000 Hz |

TUNING

| | |
|---|---|
| Wave band: | FM 88 - 108 MHz |
| Sensitivity: | FM 2 μV at 26 dB signal-to-noise ratio. |
| Intermediate frequency: | FM 10.7 MHz - 10 circuits. |
| Radio frequency: | FM 3 tuned circuits plus oscillator. |
| Tuning meter: | Large radicator. |

AMPLIFIER

| | |
|---|---|
| Power output: | 2 × 15 watts continuous load. |
| Frequency response: | 30-25,000 Hz ± 2 dB. |
| Distortion: | Less than 1% at 40 Hz - 1000 Hz - 12,500 Hz/15 watts. |
| Signal-to-noise ratio: | 60 dB at full drive<br>50 dB at 50 mW. |
| Tone controls: | |
| Bass control range: | +10 dB - 17 dB at 60 Hz |
| Treble control range: | +12 dB - 16 dB at 12,500 Hz. |
| Channel separation: | |
| Gramophone I: | 40 dB at 1,000 Hz;<br>30 dB at 12,500 Hz. |

SEMICONDUCTORS

| | |
|---|---|
| Transistors: | 30 |
| Diodes: | 7 |

ACCESSORIES

| | |
|---|---|
| Aerial: | Type 2010. |
| Multiplex adaptor: | Type 0001. |

Above specifications subject to change without notice.

## BEOMASTER 1000, TYP 2316 UND 2317.

1200.

TECHNISCHE DATEN

Erfüllt die Mindestanforderungen nach DIN 45500.

GRÖSSE UND GEWICHT

| | |
|---|---|
| Abmessungen: | 505 mm breit, 87 mm hoch, 254 mm tief. |
| Gewicht: | 5,5 kg. |

NETZANSCHLUSS

| | |
|---|---|
| Spannung: | 110-130-220-240 Volt Wechselspannung. |
| Frequenz: | 50 - 60 Hz. |
| Verbrauch: | 20 - 120 Watt. |

ANSCHLÜSSE

| | |
|---|---|
| Eingänge: | |
| Plattenspieler I: | Empfindlichkeit: 200 mV - 1000 Hz/500 k Ω. |
| Plattenspieler II: | Empfindlichkeit: 4 mV - 1000 Hz/40 k Ω. |
| Plattenspieler II: | geändert in Mikrofoneingang; Empfindlichkeit: 100 μV - 1000 Hz/200 Ω. |
| Tonbandgerät: | Empfindlichkeit: 200 mV - 1000 Hz/500 kΩ. |
| Antenne: | 75 bzw. 240 Ω. |
| Ausgänge: | 2 Lautsprechergruppen, 2 × 4 Ω. |
| Tonbandgerät: | Spannungspegel: 100 mV - 1000 Hz/82 kΩ. |

ABSTIMMUNG

| | |
|---|---|
| Wellenbereich: | UKW 88 - 108 MHz. |
| Empfindlichkeit: | 2 μV für 26 dB Signal/Störabstand. |
| Zwischenfrequenz: | 10,7 MHz - 10 Kreise. |
| Hochfrequenz: | 3 abgestimmte Kreise + Oszillator. |
| Abstimmungsanzeige: | Grosser Radicator. |

VERSTÄRKER

| | |
|---|---|
| Ausgangsleistung: | 2 × 15 Watt, Sinusdauertonbelastung. |
| Frequenzumfang: | 30 - 25000 Hz ± 2 dB. |
| Verzerrung: | <1% bei 40 Hz - 1 kHz - 12,5 kHz/15 Watt. |
| Signal/Störabstand: | 60 dB bei voller Aussteuerung<br>50 dB bei 50 mW. |
| Klangregler: | |
| Tiefen: | +10 dB - 17 dB bei 60 Hz. |
| Höhen: | +12 dB -16 dB bei 12,5 kHz. |
| Kanaltrennung: | |
| Plattenspieler I: | 40 dB bei 1 kHz,<br>30 dB bei 12,5 kHz. |

BESTÜCKUNG

| | |
|---|---|
| Transistoren: | 30 Stck. |
| Dioden: | 7 Stck. |

ZUBEHÖR

| | |
|---|---|
| Antenne: | Typ 2010. |
| Stereo-Decoder: | Typ 0001. |

Änderungen vorbehalten.

THE QUALITY OF THIS MANUAL IS THE BEST THAT IS AVAILABLE

## PC PARTS LIST,

## BEOMASTER 1000, TYPE 2316.

| | | |
|---|---|---|
| 79 | Diode, AA 119 | |
| 101 | Potentiometer, 2 k Ω, detector | |
| 112 | Potentiometer, 5 k Ω, radicator | |
| 601 | Resistor, 82 Ω, 3 W 04032 | |
| 670 | NTC resistor, 500 Ω | |
| 671 | Potentiometer, 5 k Ω, no-signal L | |
| 679 | Electrolytic capacitor, 3000 µF/25 V | |
| 746 | NTC resistor, 500 Ω | |
| 747 | Potentiometer, 5 k Ω, no-signal R | |
| 755 | Electrolytic capacitor, 3000 µF/25 V | |
| 901 | Electrolytic capacitor, 400 µF/40 V | |
| 904 | Zener diode, ZF 9.1 | |
| 906 | Potentiometer, 1 kΩ, power supply section | |
| 908 | Zener diode, ZF 9.1 | |
| | Transistor, AF 121 | |
| | Transistor, AF 126 | |
| | Transistor, BC 114 | |
| | Transistor, BC 140 | |
| | Transistor, BC 154 | |
| | Transistor, BF 115 | |
| | Transistors, U 2734/U 2735 | |
| | Heat sink for U 2734 | |
| | Heat sink for U 2735 | |
| | Transistor, 2N 2712 | |
| | Transistor, 2N 5034 | |
| | Diode, 2 X AA 119 | |
| | Diode, BA 101 | |
| | Diode, OA 90 | |
| | Rectifier, B 40 C 2200 | |
| | 10.7 MHz IF circuit | |
| | 1st 10.7 MHz transformer | |
| | 2nd 10.7 MHz transformer | |
| | 3rd 10.7 MHz IF transformer | |
| | Detector | |
| | Resistor, 0.39 Ω, 1 W | |
| | Electrolytic capacitor, 0.5 µF/35 V | |
| | Electrolytic capacitor, 2 µF/25 V | |
| | Electrolytic capacitor, 5 µF/25 V | |
| | Electrolytic capacitor, 10 µF/10 V | |
| | Electrolytic capacitor, 10 µF/15 V | |
| | Electrolytic capacitor, 10 µF/64 V | |
| | Electrolytic capacitor, 25 µF/35 V | |
| | Electrolytic capacitor, 100 µF/ 6 V | |
| | Electrolytic capacitor, 100 µF/15 V | |
| | Electrolytic capacitor, 100 µF/35 V | |
| | De-emphasis plug | |

## SCHALTPLATTEN-STÜCKLISTE,

## BEOMASTER 1000, TYP 2316.

| | |
|---|---|
| Diode, AA 119 | 8300024 |
| Potentiometer, 2 k Ω, Detektor | 5370006 |
| Potentiometer, 5 k Ω, Radicator | 5370015 |
| Widerstand, 82 Ω 3 W 04032 | 5104001 |
| NTC-Widerstand, 500 Ω | 5220011 |
| Potentiometer, 5 k Ω, Leerlauf L | 5370015 |
| Elko, 3000 µF/25 V | 4200103 |
| NTC-Widerstand, 500 Ω | 5220011 |
| Potentiometer, 5 k Ω, Leerlauf R | 5370015 |
| Elko, 3000 µF/25 V | 4200103 |
| Elko, 400 µF/40 V | 4201029 |
| Zenerdiode, ZF 9,1 | 8300019 |
| Potentiometer, 1 k Ω, Netzteil | 5370050 |
| Zenerdiode, ZF 9,1 | 8300019 |
| Transistor, AF 121 | 8320020 |
| Transistor, AF 126 | 8320055 |
| Transistor, BC 114 | 8320057 |
| Transistor, BC 140 | 8320101 |
| Transistor, BC 154 | 8320069 |
| Transistor, BF 115 | 8320050 |
| Transistoren, U 2734/U 2735 | 8320082 |
| Kühlblech für U 2734 | 3358012 |
| Kühlblech für U 2735 | 3358011 |
| Transistor, 2N 2712 | 8320041 |
| Transistor, 2N 5034 | 8320103 |
| Diode, 2 X AA 119 | 8300000 |
| Diode, BA 101 | 8300016 |
| Diode, OA 90 | 8300009 |
| Gleichrichterventil, B 40 C 2200 | 8310013 |
| 10,7 MHz ZF-Kreis | 8020101 |
| I 10,7 MHz ZF-Transformator | 8010068 |
| II 10,7 MHz ZF-Transformator | 8010069 |
| III 10,7 MHz ZF-Transformator | 8010070 |
| Detektor | 8010071 |
| Widerstand, 0,39 Ω 1 W | 5102007 |
| Elko, 0,5 µF/35 V | 4201058 |
| Elko, 2 µF/25 V | 4200105 |
| Elko, 5 µF/25 V | 4200108 |
| Elko, 10 µF/10 V | 4200107 |
| Elko, 10 µF/15 V | 4200101 |
| Elko, 10 µF/64 V | 4201017 |
| Elko, 25 µF/35 V | 4201066 |
| Elko, 100 µF/ 6 V | 4200098 |
| Elko, 100 µF/15 V | 4200099 |
| Elko, 100 µF/35 V | 4201060 |
| Nachentzerrungsprofen | 0994028 |

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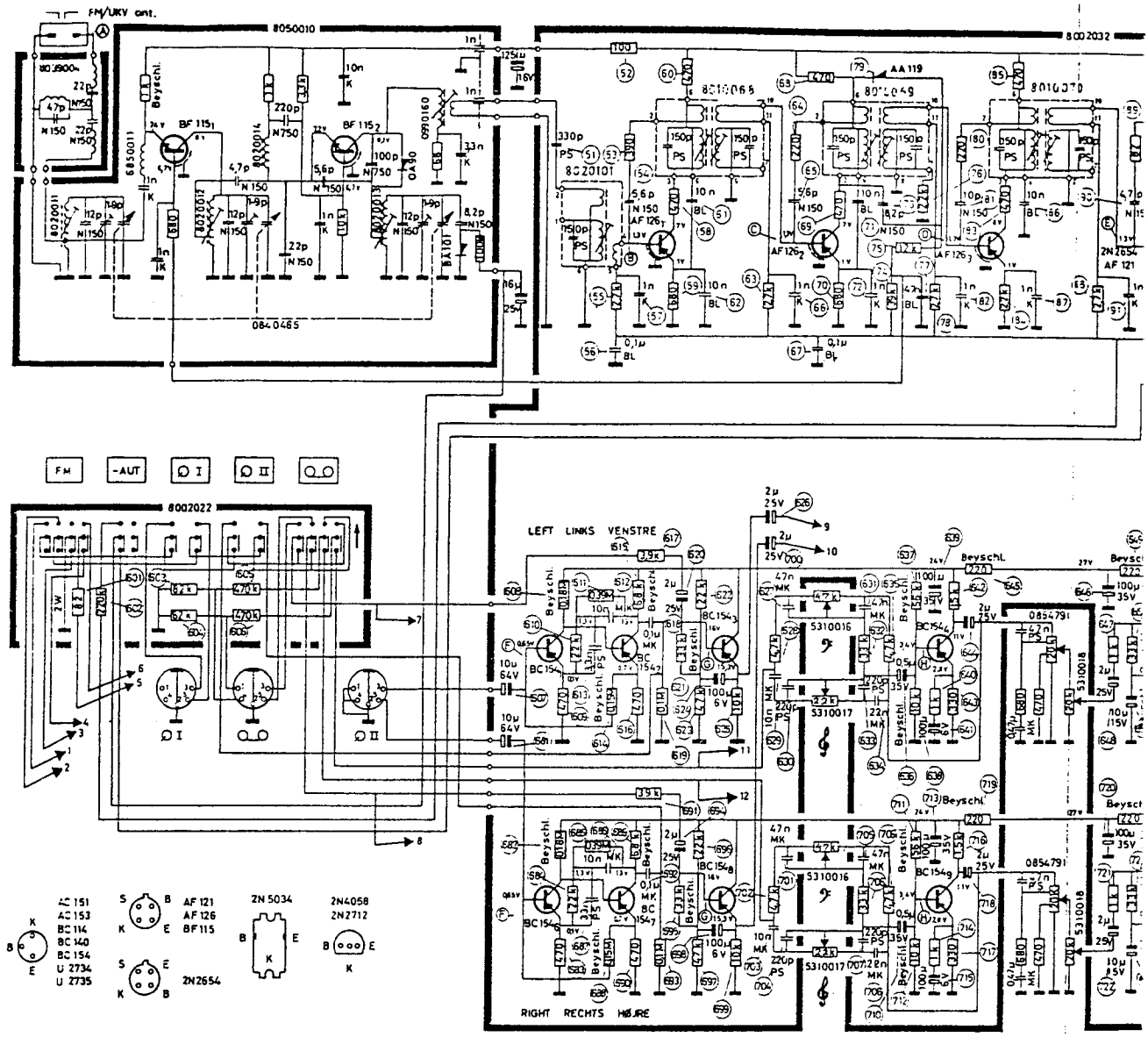
# DIAGRAM FOR BEOMASTER 1000 TYPE 2316 / SCHALTBILD, B




Change of gramophone preamplifier into microphone preamplifier.
Components No. 610-613-684-687 are removed.
Components No. 609-683 are changed into 180Ω.

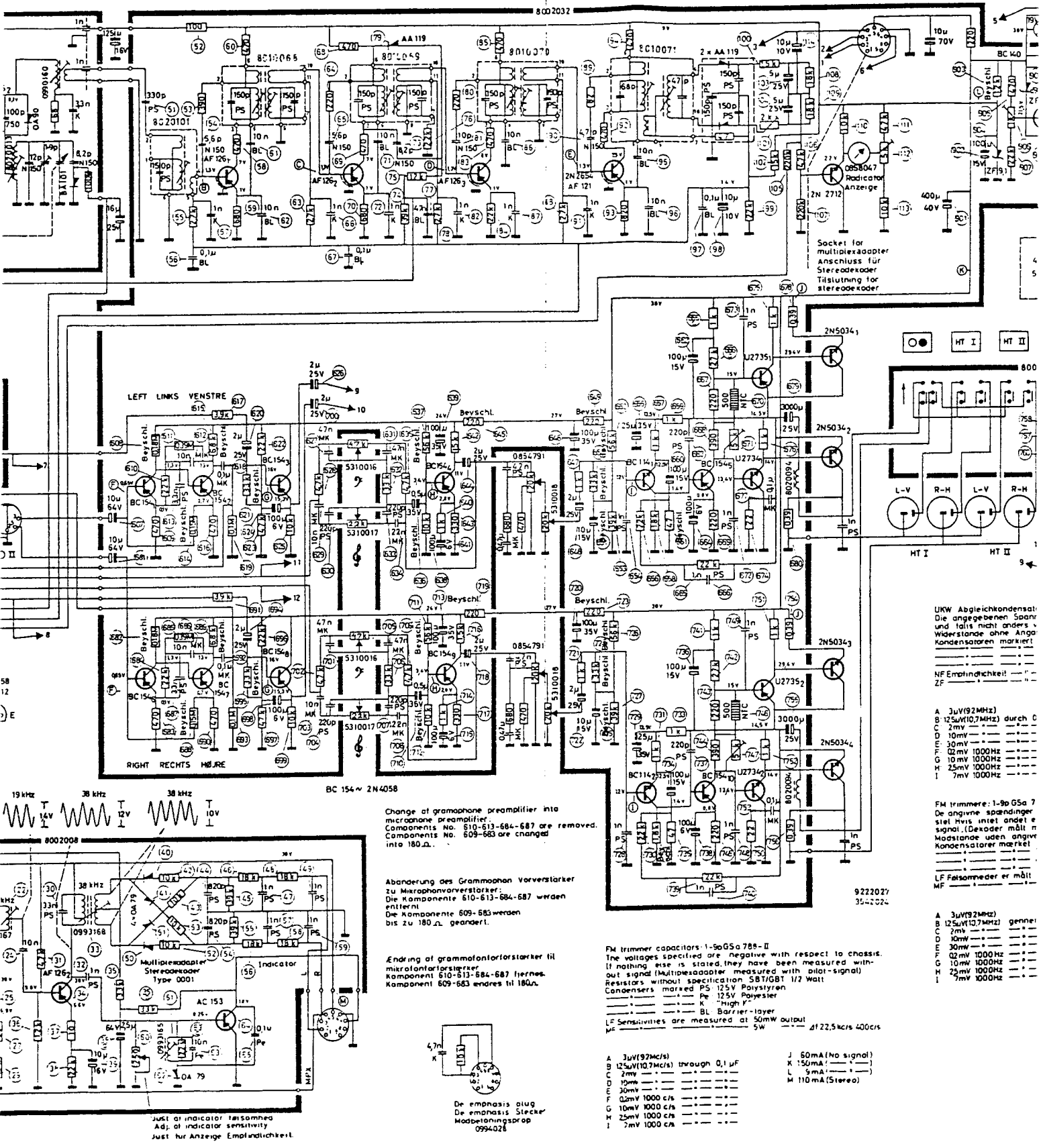
Abänderung des Grammophon Vorverstärker zu Mikrophonvorverstärker:
Die Komponente 610-613-684-687 werden entfernt
Die Komponente 609-683 werden bis zu 180Ω geändert.

Ændring af grammofonforforstærker til mikrofonforforstærker
Komponent 610-613-684-687 fjernes.
Komponent 609-683 ændres til 180Ω.

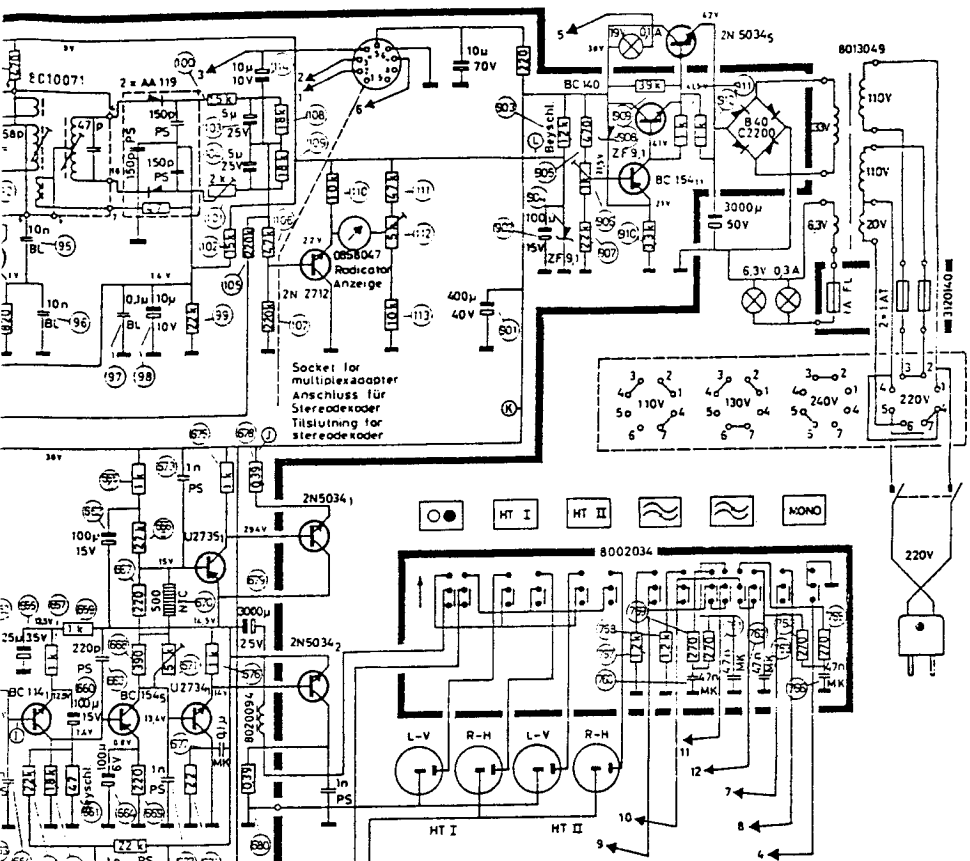
Just of indicator fakomhed
Adj. of indicator sensitivity
Just fur Anzeige Empfindlichkeit

De emphasis plug
De emphasis Stecker
Modbelatningsprop
0994028

# DIAGRAM FOR BEOMASTER 1000 TYPE 2316 / SCHALTBILD, BEOMASTER 1000, TYP 2316.



# MASTER 1000, TYP 2316.




UKW Abgleichkondensatar: 1-9pGSa 788-II
Die angegebenen Spannungen sind negativ im Verhältnis zu Chassis, und falls nicht anders vermerkt, ohne Signal gemessen. (Stereodekoder ist mit Widerstände ohne Angabe: SBT/GBT 1/2 Watt. pilot-tone pegel gemessen).
Kondensatoren markiert PS: 125V Polystyren
Pe: 125V Polyester
K: "High K"
BL: Barrier-layer
NF Empfindlichkeit bei 50mW NF Ausgangsleistung
ZF bei 5W Δf 22,5 kHz 400Hz

A 3µV(92MHz)
B 125µV(10,7MHz) durch 0,1µF
C 2mV
D 10mV
E 30mV
F 02mV 1000Hz
G 10mV 1000Hz
H 25mV 1000Hz
I 7mV 1000Hz

J: 60mA(Ohne Signal)
K 150mA(——•——)
L 9mA(——•——)
M: 110mA(Stereo)

FM trimmere: 1-9pGSa 788-II
De angivne spændinger er negative i forhold til stel Hvis intet andet er angivet, er de målt uden signal. (Dekoder målt med pilotsignal)
Modstande uden angivelse SBT eller GBT 1/2 Watt.
Kondensatorer mærket PS: 125V Polystyren
Pe: 125V Polyester
K: "High K"
BL: Barrier-layer
LF Følsomheder er målt ved 50mW output
MF 5W Δf 22,5 kHz 400Hz

A 3µV(92MHz)
B 125µV(10,7MHz) gennem 0,1µF
C 2mV
D 10mV
E 30mV
F 02mV 1000Hz
G 10mV 1000Hz
H 25mV 1000Hz
I 7mV 1000Hz

J 60mA(tomgang)
K 150mA(——•——)
L 9mA(——•——)
M 110mA(Stereo)

The right to alteration of the contents is reserved
Technische Änderungen vorbehalten.
Ret til ændringer forbeholdes

trimmer capacitors: 1-9pGSa 788-II
voltages specified are negative with respect to chassis.
othing else is stated, they have been measured with-
signal (Multiplexadapter measured with pilot-signal)
stors without specification SBT/GBT 1/2 Watt
densers marked PS: 125V Polystyren
Pe: 125V Polyester
K: "High K"
BL: Barrier-layer
ensitivities are measured at 50mW output
5W Δf 22,5 kc/s 400 c/s

3µV(92Mc/s)
5µV(10,7Mc/s) through 0,1 µF
2mV
10mV
30mV
02mV 1000 c/s
10mV 1000 c/s
25mV 1000 c/s
7mV 1000 c/s

J 60mA (No signal)
K 150mA(——•——)
L 9mA(——•——)
M 110 mA (Stereo)

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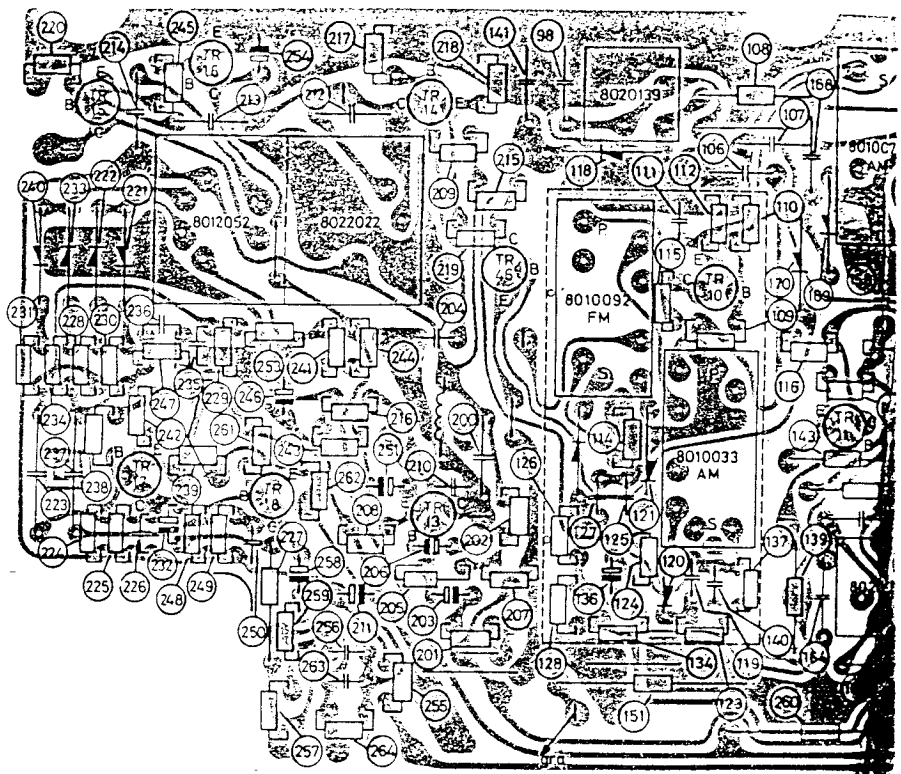
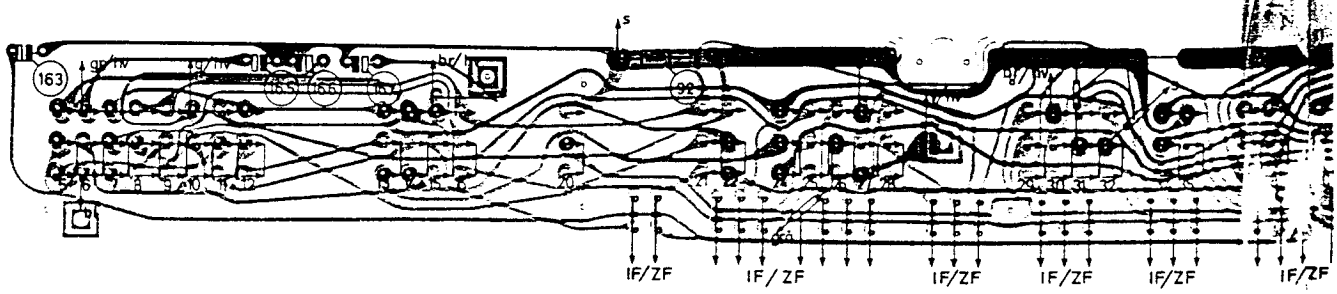
## PC UNIT 8002073, IF/DECODER / PRI




Circuit board, component side

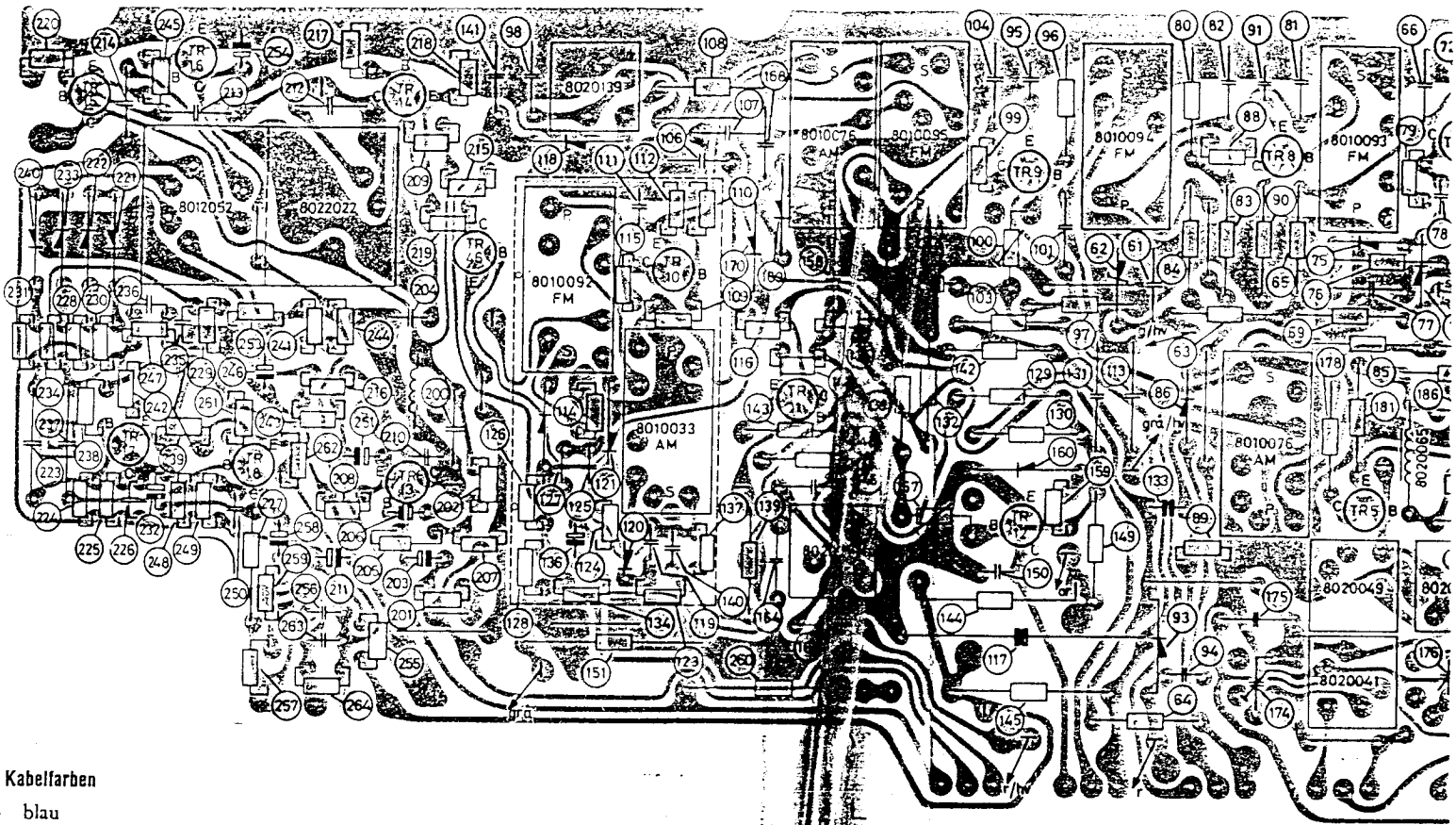
| Ledningsfarver — Colour of wires — Kabelfarben | | | | |
|---|---|---|---|---|
| bl: blå | — | blue | — | blau |
| br: brun | — | brown | — | braun |
| g: gul | — | yellow | — | gelb |
| gr: grøn | — | green | — | grün |
| grå: grå | — | grey | — | grau |
| hv: hvid | — | white | — | weiss |
| or: orange | — | orange | — | orange |
| r: rød | — | red | — | rot |
| s: sort | — | black | — | schwarz |
| v: violet | — | violet | — | violett |

## PC UNIT 8002069, FOR PUSHBUTTON SWITCH, WITH C




Circuit board, foi

PC UNIT 8002073, IF/DECODER / PRINTPLATTE 8002073, ZF/DECODER

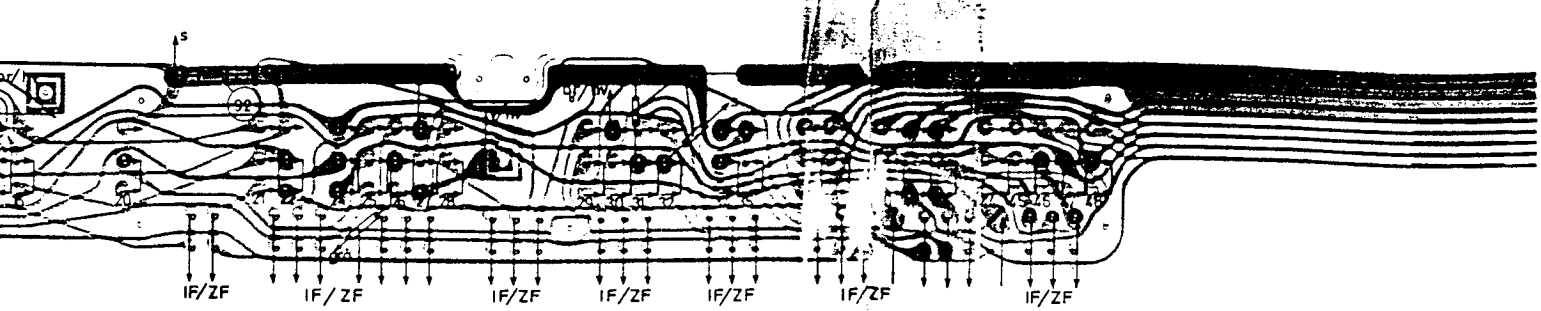



Kabelfarben

- blau
- braun
- gelb
- grün
- grau
- weiss
- orange
- rot
- schwarz
- violett

Circuit board, component side / Bestückungsseite der Printplatte

PC UNIT 8002069, FOR PUSHBUTTON SWITCH, WITH COMPONENTS / PRINTPLATTE 8002069, FÜR DRUCKKNOPFUMSCHALT




Circuit board, foil side / Leiterseite der Printplatte

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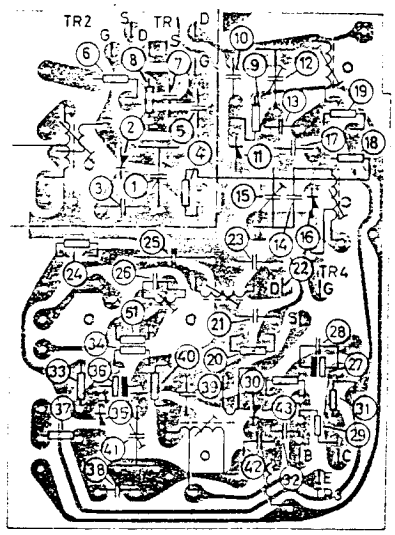
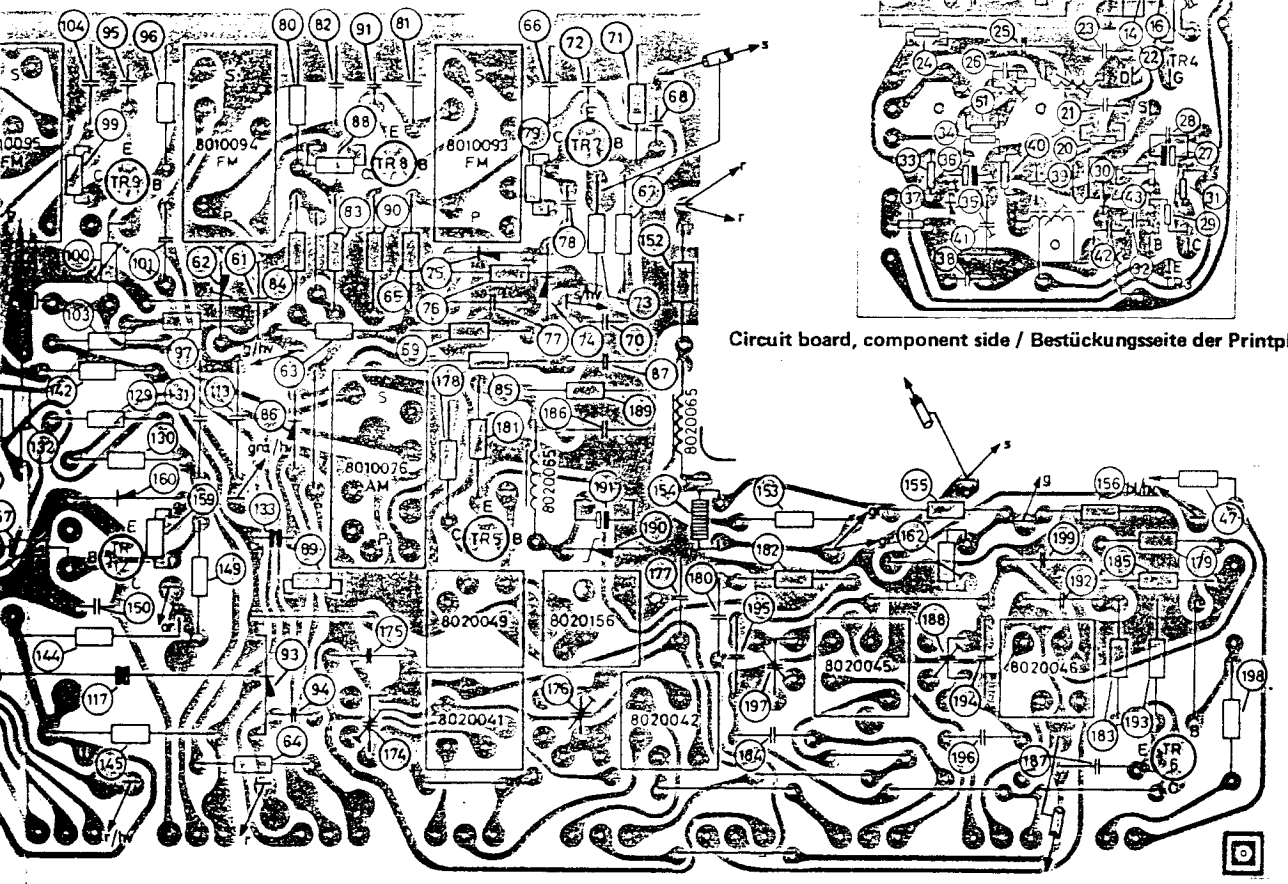
FRONT END 8050045 / TUNER 8050045



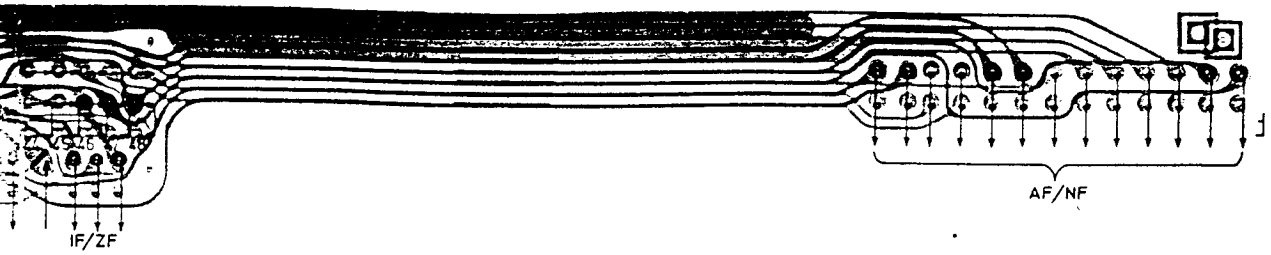

Circuit board, component side / Bestückungsseite der Printplatte

ATTE 8002073, ZF/DECODER




ngsseite der Printplatte

/ PRINTPLATTE 8002069, FÜR DRUCKKNOPFUMSCHALTUNG MONTIERT




Leiterseite der Printplatte

PC UNIT 8002071, PREAMPLIFIER / PRINTPLATTE 8002071, VORVE

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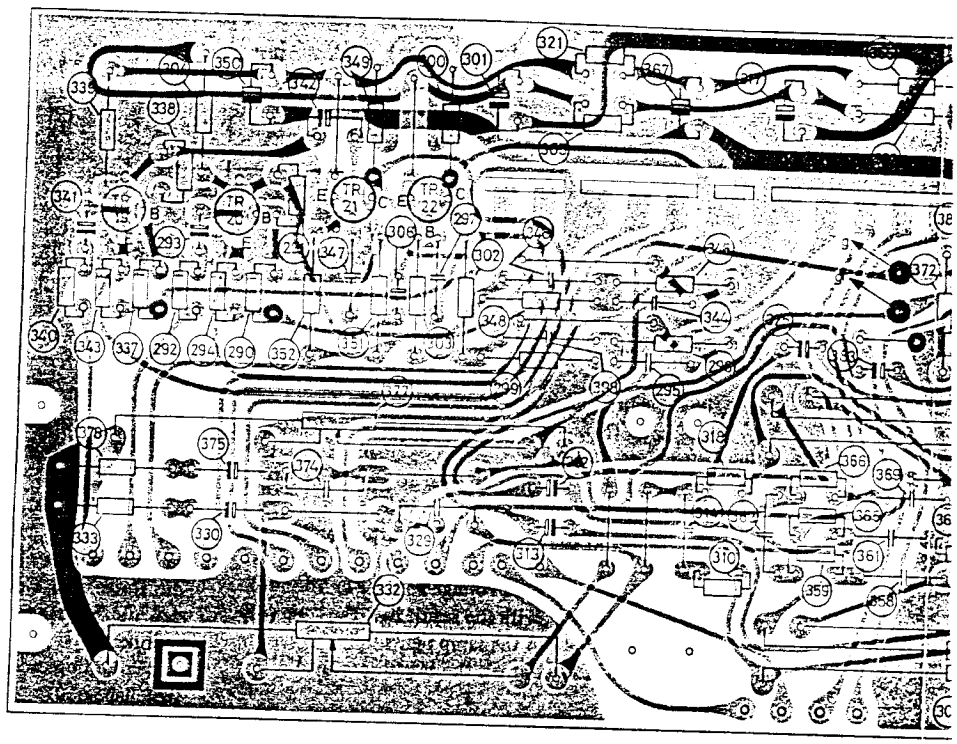
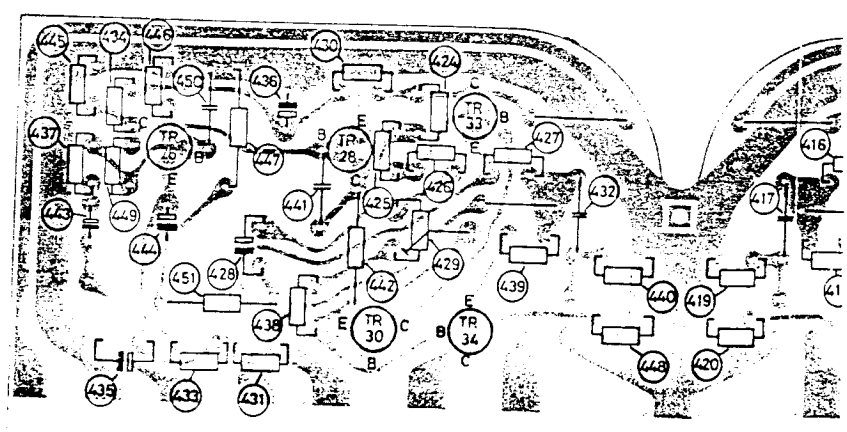


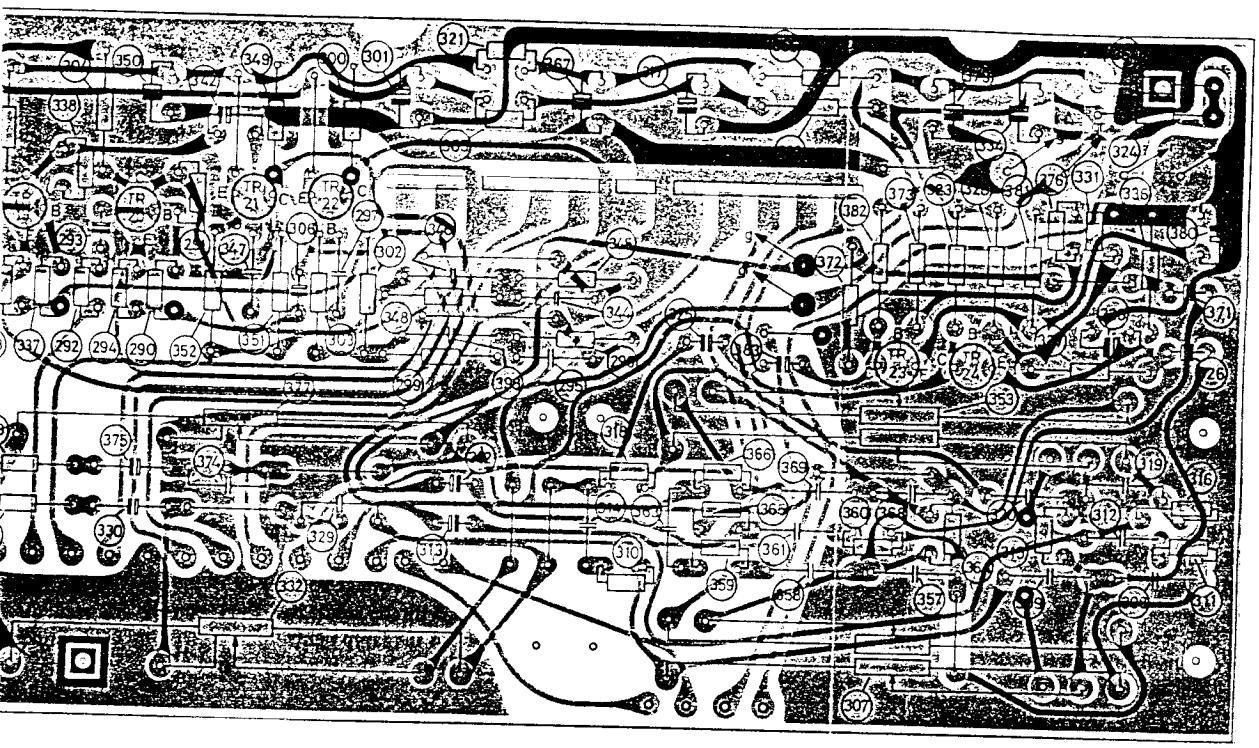
Circuit board, component side / Bestückungsseite der Printplat

PC UNIT 8002072, AF C



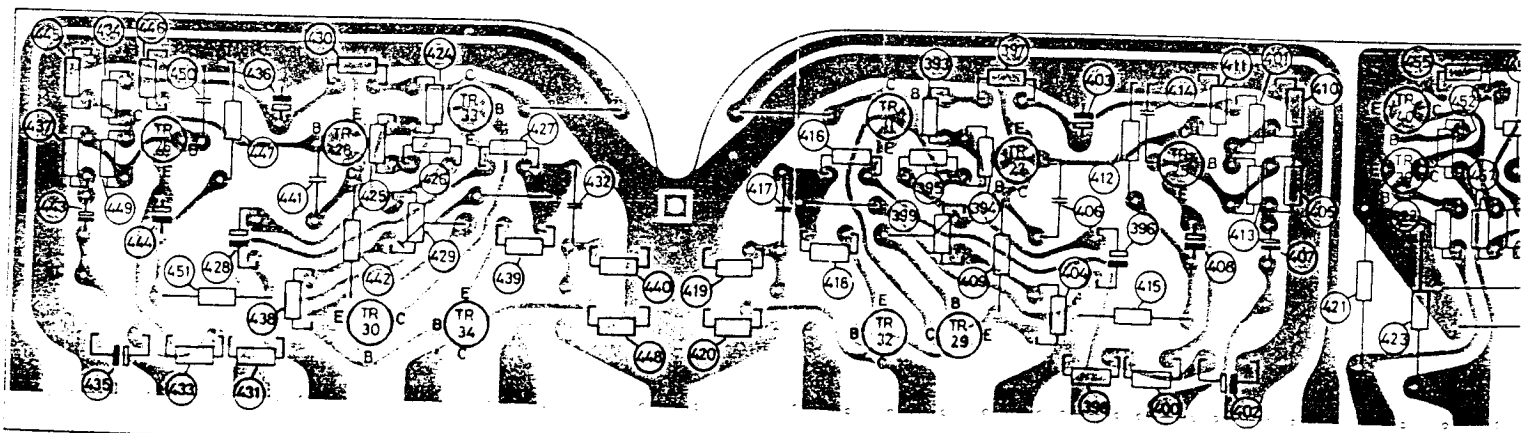
Circuit

PC UNIT 8002071, PREAMPLIFIER / PRINTPLATTE 8002071, VORVERSTÄRKER



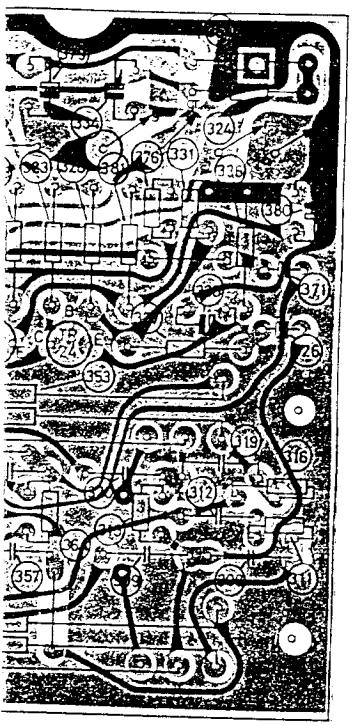
Circuit board, component side / Bestückungsseite der Printplatte

PC UNIT 8002072, AF OUTPUT/POWER SUPPLY / PRINTPLATTE 8002072, NF-AUSGANG/N

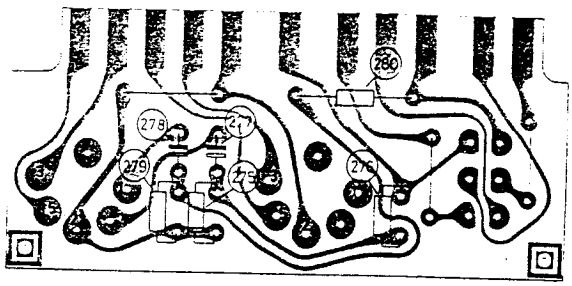


Circuit board, component side / Bestückungsseite der Printplatte

ARKER

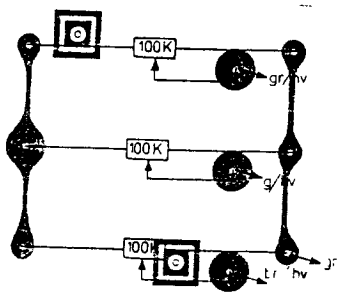


PC UNIT 8002067, FOR DIN SOCKET, WITH COMPONENTS
PRINTPLATTE 8002067, FÜR DIN-STECKER MONTIERT



**Circuit board, component side / Bestückungsseite der Printplatte**

CIRCUIT BOARD WITH DIODE-TUNING POTENTIOMETER
PRINTPLATTE MIT DIODENABST. POTENTIOMETER




**Circuit board, foil side / Leiterseite der Printplatte**

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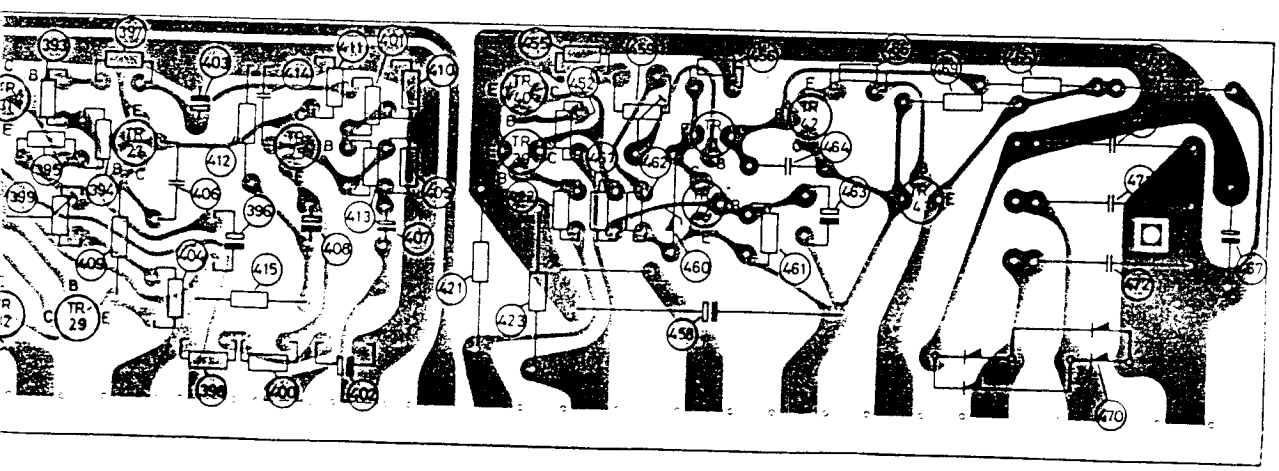
PUT/POWER SUPPLY / PRINTPLATTE 8002072, NF-AUSGANG/NETZTEIL



rd, component side / Bestückungsseite der Printplatte

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## PC PARTS LIST FOR TYPE 0001 MULTIPLEX ADAPTOR.

| | | |
|---|---|---|
| 4 | Transistor, AC 151..... | Transistor, AC 151..... 8320007 |
| 6 | Transistor, AC 151..... | Transistor, AC 151..... 8320007 |
| 19 | 19 kHz circuit..... | 19-kHz-Kreis..... 0993166 |
| 22 | 19 kHz circuit..... | 19-kHz-Kreis..... 0993167 |
| 25 | Transistor, AF 126..... | Transistor, AF 126..... 8320024 |
| 33 | 38 kHz circuit..... | 38-kHz-Kreis..... 0993168 |
| 34 | Transistor, AF 126..... | Transistor, AF 126..... 8320024 |
| 40 | Diode, OA 79..... | Diode, OA 79..... 8300022 |
| 41 | Diode, OA 79..... | Diode, OA 79..... 8300022 |
| 50 | Diode, OA 79..... | Diode, OA 79..... 8300022 |
| 51 | Diode, OA 79..... | Diode, OA 79..... 8300022 |
| 60 | Potentiometer, 250 Ω (indicator lamp adjustment)..... | Potentiometer, 250 Ω (Licht)..... 5370043 |
| 61 | Circuit for indicator lamp adjustm. | Kreis für Licht..... 0993165 |
| 62 | Diode, OA 79..... | Diode, OA 79..... 8300022 |
| 65 | Transistors, AC 153..... | Transistor, AC 153..... 8320059 |
| | Electrolytic capacitor, 10 µF/16 V | Elko, 10 µF/16 V..... 4200010 |
| | Electrolytic capacitor, 2.5 µF/64 V | Elko, 2,5 µF/64 V..... 4201035 |
| | Electrolytic capacitor, 50 µF/40 V | Elko, 50 µF/40 V..... 4201024 |
| | Electrolytic capacitor, 100 µF/6.4 V | Elko, 100 µF/6,4 V..... 4200035 |

## SCHALTPLATTEN - STÜCKLISTE, DECODER TYP 0001.

1-71. 1-71. 1-71. 1-7'
RECTION CORREC
JNG CORRECTION
CHTIGUNG BERICH
1. 1-71. 1-71. 1-71

## SERVICE TIPS.

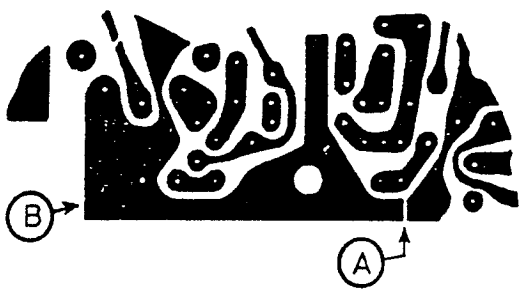
### FM Unstability.

Better stability on FM can be accomplished by replacing the 18 k Ω resistor numbered 75 in the circuit diagram with a 12-Ω resistor and connecting the cathode of the AA 119 diode (No. 79) to that end of the 470-Ω resistor (No. 68) which goes to pin 6 of IF transformer 0971228.

## FEHLERTIPS.

### Unstabilität UKW.

Eine erhöhte Stabilität im UKW-Bereich läßt sich dadurch erzielen, daß der Widerstand 18 kΩ, Pos. Nr. 75, in 12 kΩ geändert wird gleichzeitig damit, daß die Kathode von AA 119, Pos. Nr. 79, auf der Seite des Widerstandes 470 Ω, Pos. Nr. 68, montiert wird, die zum Stift 6 des ZF-Übertragers, 0971228 führt.




In addition to these circuit changes, the PC chassis connection should be broken as indicated by the section sketch above (the corner adjacent to the de-emphasis plug).

Gleichzeitig mit der obigen Änderung ist die Masseleitung der Schaltplatte unterbrochen, so wie es aus der Ausschnittzeichnung der Schaltplatte (Ecke beim Nachentzerrungspropfen) zu ersehen ist.

### GR II Cross-talk.

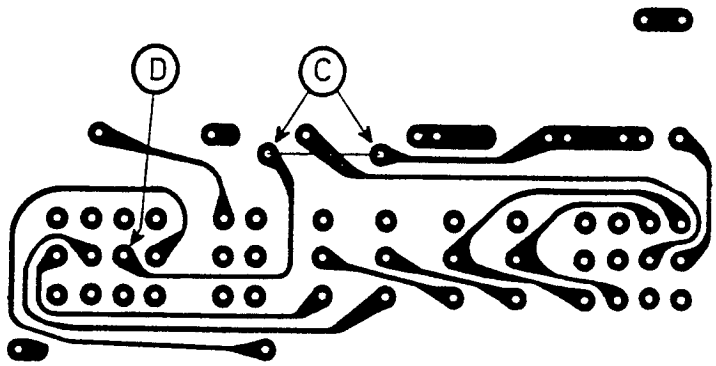
Under particularly unfavourable conditions it was discovered that the first sets of Beomaster 1000 type 2316 and 2317 delivered, developed cross-talk from FM to GR II.
This interference can be remedied by:

1. Removing wire No. 8002034 to the chassis marked C on the PC unit.
2. Placing isolated wire from point B to point C (B is shown on the uppermost PC section).

### GR II Übersprechung.

Man hat herausgefunden, dass unter besonders schlechten Verhältnissen in den erst gelieferten BEOMASTER 1000, Typ 2316 und 2317, Übersprechung von UKW bis GR II festgestellt wird.
Diese Zerstörung kann auf folgende Weise behoben werden:

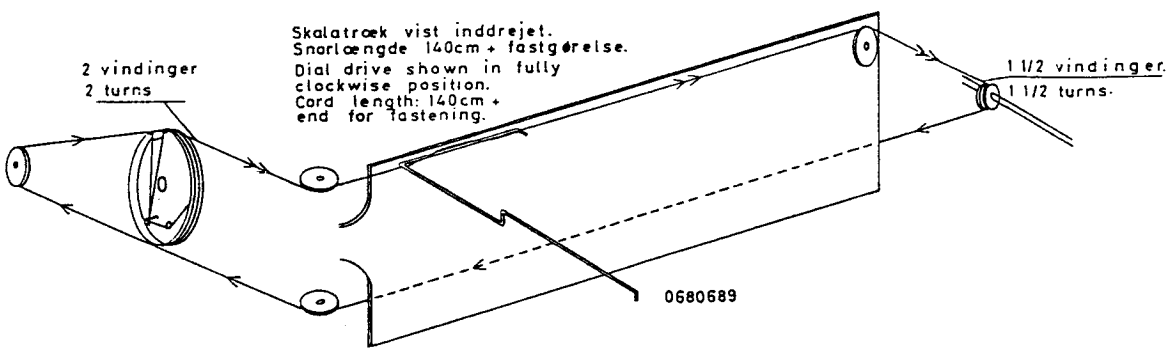
1. Die mit C gezeichnete Leitung auf Schaltplatteneinheit wird entfernt.
2. Eine isolierte Leitung wird von Punkt B bis Punkt D eingeführt (B ist am obersten Teil der Schaltplatte gezeigt).




These modifications have been introduced in production.

Die Änderungen sind in der Produktion berücksichtigt worden.

## DIAL DRIVE / SKALATRIEB.

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## NOTES / NOTIZEN

FRON - FUO (TUNE) 8050010

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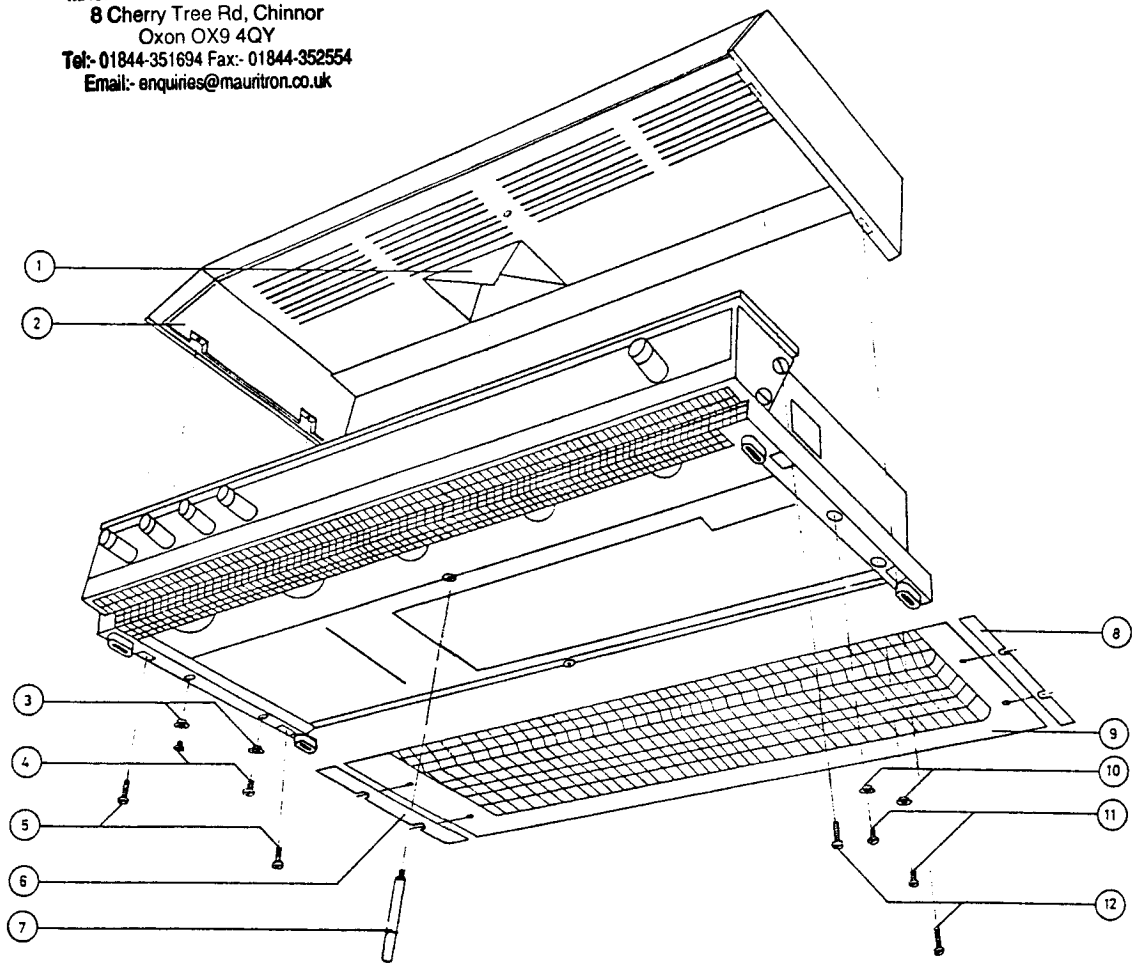



## PARTS LIST FOR
## BEOMASTER 1000, TYPE 2316.

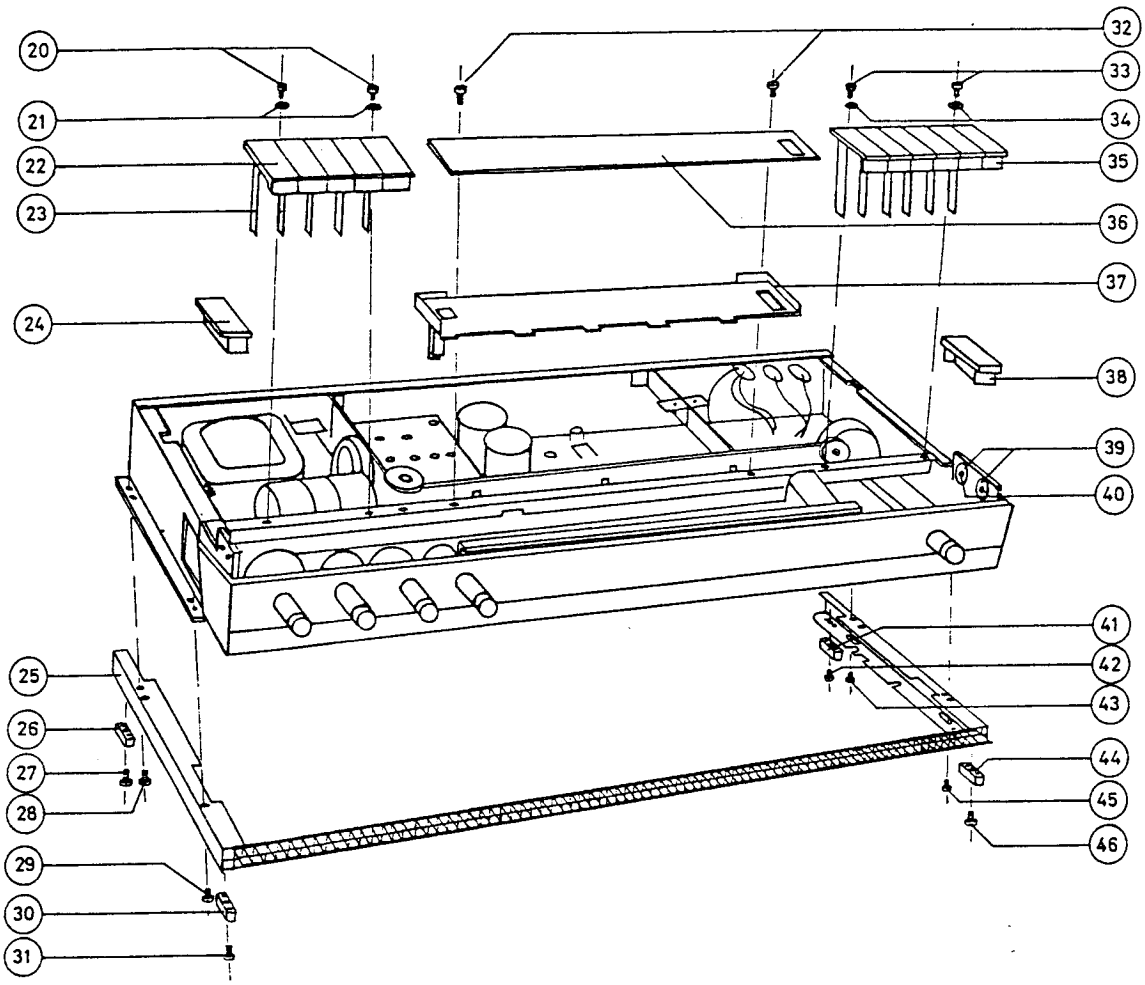
| | | |
|---|---|---|
| 1 | Circuit diagram with instructions | 3180196 |
| 2 | Cabinet, teak | 0542011 |
| | Cabinet, rosewood | 0542012 |
| | Cabinet, oak | 0542014 |
| 3 | Washers | 2938026 |
| 4 | Screw, AM 3 X 6 DIN 84 | 2038247 |
| 5 | Screw, AM 3 X 12 DIN 84 | 2038220 |
| 6 | Shim | 3170031 |
| 7 | Screw for cabinet | 2038916 |
| 8 | Shim | 3170031 |
| 9 | Bottom plate | 3454019 |
| 10 | Washers | 2938026 |
| 11 | Screws, AM 3 X 6 DIN 84 | 2038247 |
| 12 | Screws, AM 3 X 12 DIN 84 | 2038220 |

## STÜCKLISTE FÜR
## BEOMASTER 1000, TYP 2316.

| | | |
|---|---|---|
| 1 | Instruktionsschaltbild | 3180196 |
| 2 | Gehäuse, Teakholz | 0542011 |
| | Gehäuse, Palisander | 0542012 |
| | Gehäuse, Eichenholz | 0542014 |
| 3 | Scheiben | 2938026 |
| 4 | Schraube, AM 3 X 6 DIN 84 | 2038247 |
| 5 | Schraube, AM 3 X 12 DIN 84 | 2038220 |
| 6 | Zwischenlage | 3170031 |
| 7 | Schraube für Gehäuse | 2038916 |
| 8 | Zwischenlage | 3170031 |
| 9 | Bodenplatte | 3454019 |
| 10 | Scheiben | 2938026 |
| 11 | Schrauben, AM 3 X 6 DIN 84 | 2038247 |
| 12 | Schrauben, AM 3 X 12 DIN 84 | 2038220 |

SCA - 8022010
or 8022024 + 8022025

Green cover for indicator 052 1147




| | | | |
|---|---|---|---|
| 20 | Screws, AM 3 X 4 DIN 84..... | Schrauben, AM 3 X 4 DIN 84..... | 2038206 |
| 21 | Tooth-lock washers, external teeth, A 3.2..... | Fächerscheiben, A 3,2..... | 2625002 |
| 22 | Left-hand pushbutton switch assy. complete..... | Linke Drucktastengruppe, komplett ..... | 2775026 |
| | On/off button..... | Schaltertaste..... | 2775031 |
| | HT I (SPKR I) button..... | HT I-Taste..... | 2775032 |
| | HT II (SPKR II) button..... | HT II-Taste ..... | 2775033 |
| | Rumble filter button..... | Rumpelfiltertaste..... | 2775030 |
| | Scratch filter button..... | Nadelgeräuschfiltertaste ..... | 2775029 |
| | Mono button..... | MONO-Taste..... | 2775028 |
| | Bracket for left-hand pushbutton switch assembly..... | Winkel für linke Drucktastengruppe ..... | 0245613 |
| | Pointer ..... | Skalazeiger..... | 3190022 |

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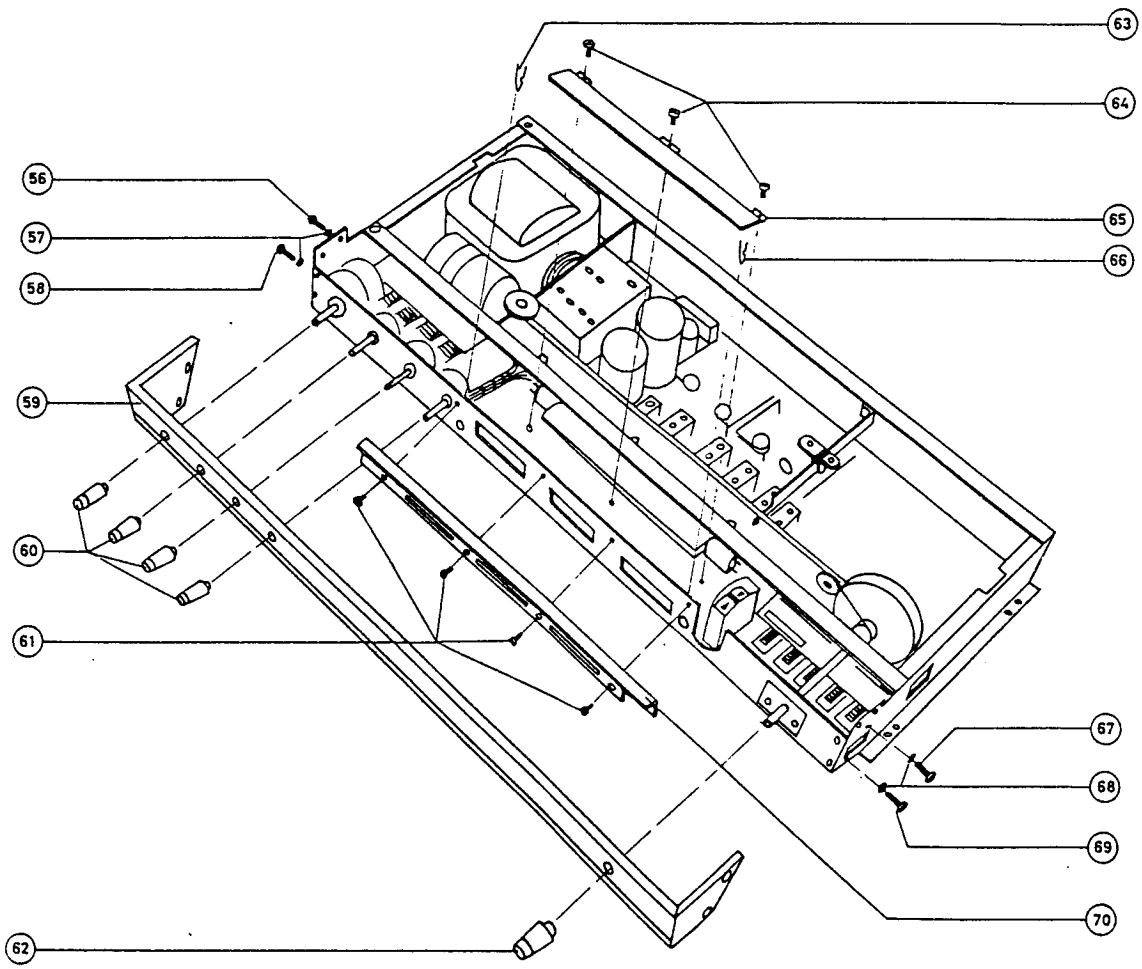
| | | | |
|---|---|---|---|
| 23 | Arm for pushbutton switch..... | Arm für Drucktastenumschalter.... | 0387328 |
| 24 | Pushbutton cover..... | Drucktastenabdeckung..... | 3164017 |
| 25 | Bottom frame..... | Bodenrahmen ..... | 0760452 |
| 26 | Slide shoe ..... | Gleitschützer ..... | 0585028 |
| 27 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 28 | Screw, AM 3 X 3 DIN 84..... | Schraube, AM 3 X 3 DIN 84..... | 2038201 |
| 29 | Screw, AM 3 X 3 DIN 84..... | Schraube, AM 3 X 3 DIN 84..... | 2038201 |
| 30 | Slide shoe ..... | Gleitschützer ..... | 0760452 |
| 31 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 32 | Screw, AM 3 X 3 DIN 84..... | Schraube, AM 3 X 3 DIN 84..... | 2038201 |
| 33 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 34 | Tooth-lock washers, ext. teeth, A3.2 | Fächerscheiben, A 3,2..... | 2625002 |
| 35 | Right-hand pushbutton switch assembly, complete..... | Rechte Drucktastengruppe, komplett ..... | 2775025 |
| | FM button ..... | FM-Taste ..... | 2775034 |
| | AFC button ..... | AFC-Taste ..... | 2775035 |
| | Gramophone I button..... | Phono 1-Taste..... | 2775036 |
| | Gramophone II button..... | Phono 2-Taste..... | 2775037 |
| | Tape recorder button..... | Tonbandgerät-Taste ..... | 2775038 |
| | Bracket for right-hand pushbutton switch assembly..... | Winkel für rechte Drucktasten-gruppe ..... | 0245614 |
| 36 | Dial..... | Skale..... | 3191014 |
| | Bracket for dial..... | Winkel für Skale..... | 0248993 |
| 37 | Dial rear wall ..... | Skalenhintergrund ..... | 3302058 |
| 38 | Pushbutton cover..... | Drucktastenabdeckung..... | 3164017 |
| 39 | Washers, 3.2 dia. X 8 dia. X 0.5 mm | Scheiben, 3,2 Ø X 8 Ø X 0,5 ..... | 2622015 |
| 40 | Screws, AM 3 X 4 DIN 84..... | Schrauben, AM 3 X 4 DIN 84..... | 2038206 |
| 41 | Slide shoe ..... | Gleitschützer ..... | 0760452 |
| 42 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 43 | Screw, AM 3 X 3 DIN 84..... | Schraube, AM 3 X 3 DIN 84..... | 2038201 |
| 44 | Slide shoe ..... | Gleitschützer ..... | 0760452 |
| 45 | Screw, AM 3 X 3 DIN 84..... | Schraube, AM 3 X 3 DIN 84..... | 2038201 |
| 46 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 56 | Screw, AM 3 X 8 DIN 84..... | Schraube, AM 3 X 8 DIN 84..... | 2038214 |
| 57 | Washers, 3.2 dia. X 8 dia. X 0.5 mm | Scheiben, 3,2 Ø X 8 Ø X 0,5..... | 2622015 |
| 58 | Screw, AM 3 X 8 DIN 84..... | Schraube, AM 3 X 8 DIN 84..... | 2038214 |
| 59 | Cabinet, front section, teak..... | Gehäuse, Vorderteil, Teakholz .... | 3410121 |
| | Cabinet, front section, rosewood... | Gehäuse, Vorderteil, Palisander... | 3410122 |
| | Cabinet, front section, oak ..... | Gehäuse, Vorderteil, Eichenholz... | 3410124 |
| 60 | Knobs ....Base/treble..... | Drehknöpfe ..... | 2770024 |
| 61 | Screws, AM 3 X 4 DIN 84..... | Schrauben, AM 3 X 4 DIN 84..... | 2038206 |
| 62 | Knob .....TUNING..... | Drehknopf ..... | 2770023 |
| 63 | Spring..... | Feder..... | 0335176 |
| 64 | Screws, AM 3 X 3 DIN 84..... | Schrauben, AM 3 X 3 DIN 84..... | 2038201 |
| 65 | Mirror for dial light ..... | Spiegel für Skalenlicht..... | 2548007 |
| | Insulation for dial light mirror.... | Isolierung hierfür..... | 0530577 |
| 66 | Spring..... | Feder..... | 0335176 |
| 67 | Screw, AM 3 X 8 DIN 84..... | Schraube, AM 3 X 8 DIN 84..... | 2038214 |
| 68 | Washers, 3.2 dia. X 8 dia. X 0.5 mm | Scheiben, 3,2 Ø X 8 Ø X 0,5..... | 2622015 |
| 69 | Screw, AM 3 X 8 DIN 84..... | Schraube, AM 3 X 8 DIN 84..... | 2038214 |
| 70 | Strip for front edge ..... | Leiste für Vorderkante..... | 2568001 |

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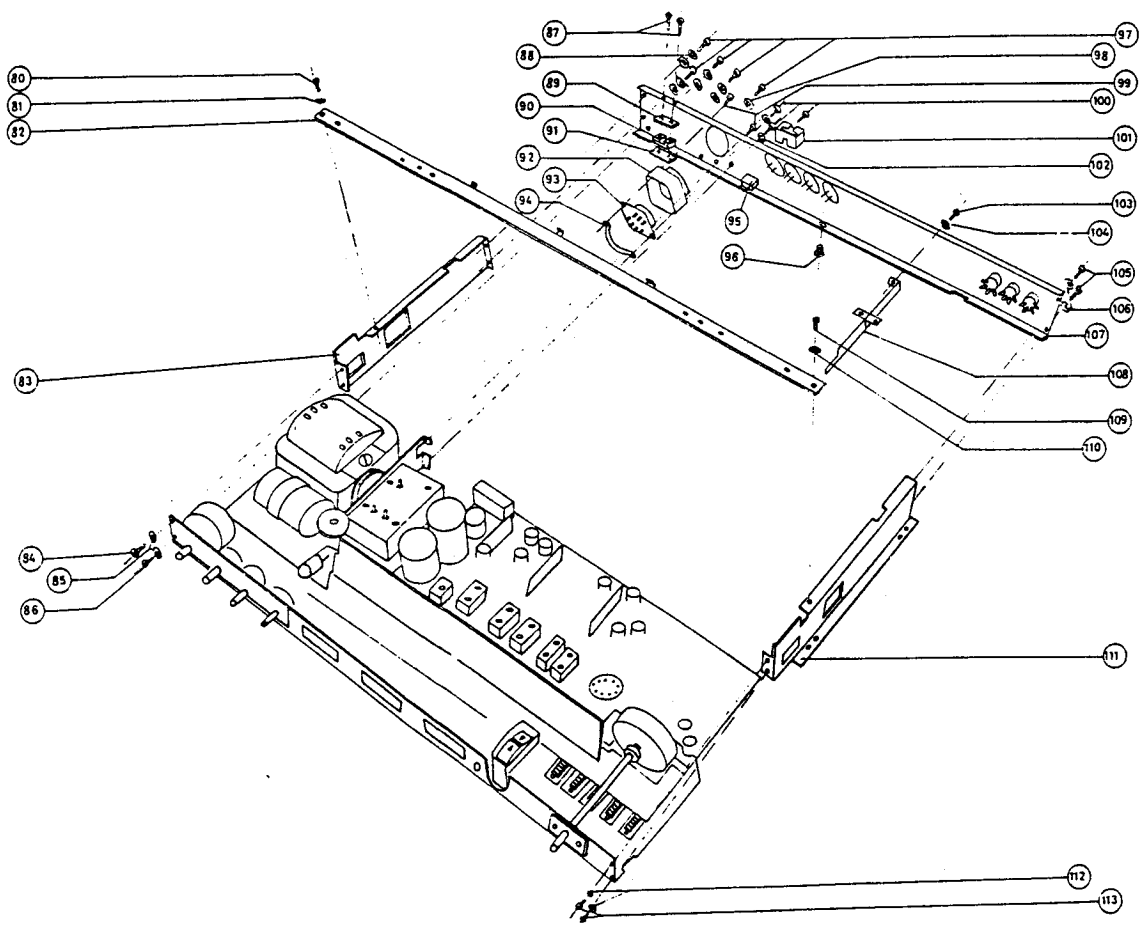

| | | | |
|---|---|---|---|
| 80 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 81 | Tooth-lock washer, ext. teeth, A 3.2 . | Fächerscheibe, A 3,2..... | 2625002 |
| 82 | Bracket for dial rear wall..... | Winkel für Skalenhintergrund..... | 2530044 |
| 83 | Side wall, left ..... | Seitenstück, links..... | 0248983 |
| 84 | Screw, ART 4271 2.84 X 6.35 mm.. | Schraube, ART 4271, 2,84 X 6,35. | 2013201 |
| 85 | Tooth-lock washers, ext. teeth, A 3.2 | Fächerscheiben, A 3,2..... | 2625002 |
| 86 | Screw, ART 4271 2.84 X 6.35 mm.. | Schraube, ART 4271, 2,84 X 6,35 . | 2013201 |
| 87 | Screws, ART 4270 2.84 X 12.70 mm. | Schrauben, ART 4270, 2,84 X 12,70 | 2013007 |
| 88 | Bushings..... | Buchsen..... | 2938026 |
| 89 | Clamp..... | Spannstück..... | 2641004 |
| 90 | Clamp..... | Spannstück..... | 2641026 |
| 91 | Clamp..... | Spannstück..... | 2643001 |
| 92 | Screen for voltage switch..... | Abschirmung für Spannungsum- | |
| | ..... | schalter..... | 0534104 |
| 93 | Voltage switch ..... | Spannungsumschalter ..... | 7401001 |
| 94 | Clamp..... | Spannstück..... | 0288045 |
| 95 | Aerial jack ..... | Antennenbuchse ..... | 7211029 |
| 96 | Slide shoe ..... | Gleitschützer ..... | 0585018 |
| 97 | Screw, ART 4271 2.84 X 6.35 mm... | Schraube, ART 4271, 2,84 X 6,35.. | 2013201 |
| 98 | Washer, 3.2 dia. X 8 dia. X 0.5 mm.. | Scheibe, 3,2 Ø X 8 Ø X 0,5 ..... | 2622015 |
| 99 | Screws, ART 4271 2.84 X 9.52 mm.. | Schrauben, ART 4271, 2,84 X 9,52. | 2013202 |
| 100 | Screws, ART 4271 2.84 X 6.35 mm.. | Schrauben, ART 4271, 2,84 X 6,35. | 2013201 |
| 101 | Holder for aerial..... | Halter für Antenne..... | 3152006 |
| 102 | Tooth-lock washers, ext. teeth, A 3.2 | Fächerscheiben, A 3,2..... | 2625002 |
| 103 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 104 | Tooth-lock washer, ext. teeth, A 3.2 | Fächerscheibe, A 3,2..... | 2625002 |
| 105 | Screws, ART 4271 2.84 X 6.35 mm.. | Schrauben, ART 4271, 2,84 X 6,35. | 2013201 |
| 106 | Tooth-lock washers, ext. teeth, A 3.2 | Fächerscheiben, A 3,2..... | 2625002 |
| 107 | Rear wall..... | Rückplatte..... | 2542113 |
| | 5-contact DIN jack ..... | 5 polige DIN-Buchse..... | 7212006 |
| | 2-contact speaker jack..... | 2 polige Lautsprecherbuchse..... | 7211019 |
| 108 | Bracket..... | Winkel ..... | 0760475 |
| 109 | Screw, AM 3 X 4 DIN 84..... | Schraube, AM 3 X 4 DIN 84..... | 2038206 |
| 110 | Tooth-lock washer, ext. teeth, A 3.2. | Fächerscheibe, A 3,2..... | 2625002 |
| 111 | Side wall, right..... | Seitenstück, rechts..... | 0248982 |
| 112 | Tooth-lock washers, ext. teeth, A 3.2 | Fächerscheiben, A 3,2..... | 2625002 |
| 113 | Screws, ART 4271 2.84 X 6.35 mm.. | Schrauben, ART 4271, 2,84 X 6,35. | 2013201 |

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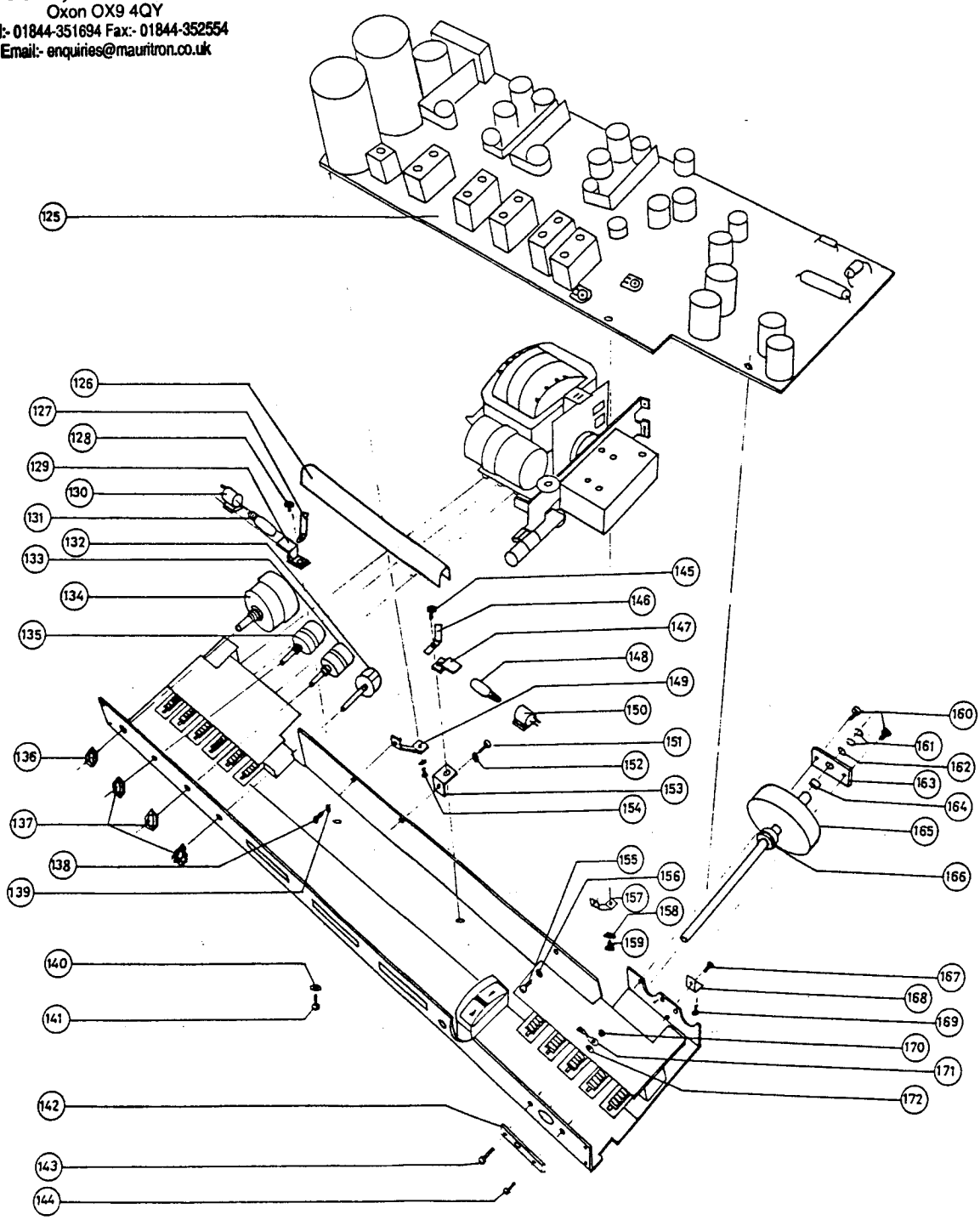

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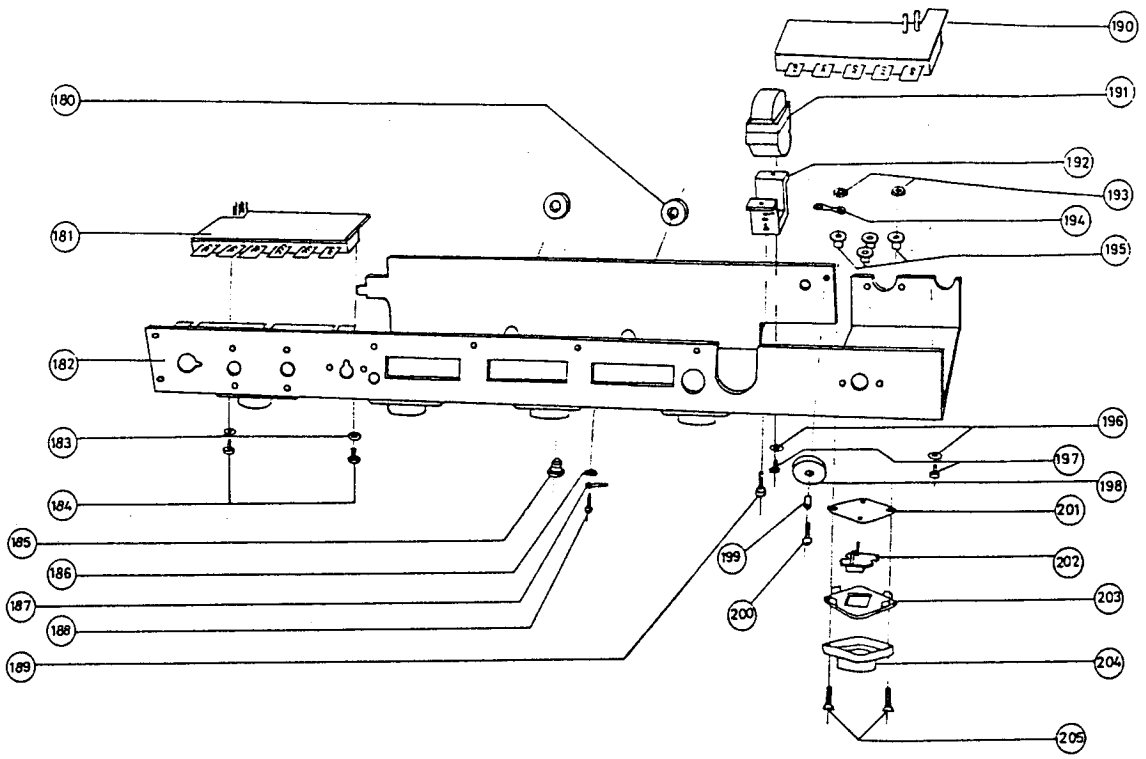
| | | | |
|---|---|---|---|
| 125 | PC board | Schaltplatte | 8002032 |
| 126 | Screen for dial light | Abschirmung für Skalenlicht | 0535487 |
| 127 | Wire clamp | Leitungshalter | 2816011 |
| 128 | Screw, AM 3 X 5 DIN 84 | Schraube, AM 3 X 5 DIN 84 | 2038208 |
| 129 | Bracket for dial light | Winkel für Skalenlicht | 0248915 |
| 130 | Socket for dial bulb | Fassung für Skalenbirne | 7201002 |
| 131 | Dial lamp, 6.3 V 0.3 A | Skalenbirne, 6,3 V 0,3 A | 8230001 |
| 132 | Balance potentiometer, 2 X 20 k Ω | Balancepotentiometer, 2 X 20 k Ω | 5310018 |
| 133 | Treble potentiometer, 2 X 22 k Ω KV1 | Höhenpotentiometer, 2 X 22 k Ω KV1 | 5310017 |
| 134 | Volume potentiometer, 2 X 20 k Ω | Lautstärkepotentiometer, 2 X 20 k Ω | 0854791 |
| 135 | Bass potentiometer, 2 X 47 k Ω KV 1 | Tiefenpotentiometer, 2 X 47 k Ω KV1 | 5310016 |
| 136 | Nut, M 10 X 0.75 D 5610 | Mutter, M 10 X 0,75 D 5610 | 2380050 |
| 137 | Nut, M 7 X 0.75 NR 10-4-11 | Mutter, M 7 X 0,75 NR 10-4-11 | 2380046 |
| 138 | Screw, ART 4271 2.84 X 6.35 mm | Schraube, ART 4271, 2,84 X 6,35 | 2013201 |
| 139 | Tooth-lock washer, A 3.2 DIN 6798 | Fächerscheibe, A 3,2 DIN 6798 | 2625002 |
| 140 | Tooth-lock washer, A 3.2 DIN 6798 | Fächerscheibe, A 3,2 DIN 6798 | 2625002 |
| 141 | Screw, ART 4271 2.84 X 6.35 mm | Schraube, ART 4271, 2,84 X 6,35 | 2013201 |
| 142 | Bearing for dial drive | Lager für Skalatrieb | 0402019 |
| 143 | Screw, AM 3 X 8 DIN 84 | Schraube, AM 3 X 8 DIN 84 | 2038214 |
| 144 | Screw, AM 3 X 5 DIN 84 | Schraube, AM 3 X 5 DIN 84 | 2038208 |
| 145 | Screw, AM 3 X 5 DIN 84 | Schraube, AM 3 X 5 DIN 84 | 2038208 |
| 146 | Wire clamp | Leitungshalter | 2816011 |
| 147 | Bracket for dial light | Winkel für Skalenlicht | 0248915 |
| 148 | Dial lamp 6.3 V 0.3 A | Skalenbirne, 6,3 V 0,3 A | 8230001 |
| 149 | Bracket for PC board | Winkel für Schaltplatte | 2548020 |
| 150 | Socket for dial lamp | Fassung für Skalenbirne | 7201002 |
| 151 | Screw, ART 4271 2.84 X 6.35 mm | Schraube, ART 4271, 2,84 X 6,35 | 2013201 |
| 152 | Tooth-lock washers, A 3.2 DIN 6798 | Fächerscheiben, A 3,2 DIN 6798 | 2625002 |
| 153 | Angle bracket for cabinet | Winkel für Gehäuse | 0247179 |
| 154 | Screw, AM 3 X 4 DIN 84 | Schraube, AM 3 X 4 DIN 84 | 2038206 |
| 155 | Screw, ART 4271 2.84 X 6.35 mm | Schraube, ART 4271, 2,84 X 6,35 | 2013201 |
| 156 | Tooth-lock washers, A 3.2 DIN 6798 | Fächerscheiben, A 3,2 DIN 6798 | 2625002 |
| 157 | Bracket for PC board | Winkel für Schaltplatte | 2548020 |
| 158 | Tooth-lock washer, A 3.2 DIN 6798 | Fächerscheibe, A 3,2 DIN 6798 | 2625002 |
| 159 | Screw, AM 3 X 4 DIN 84 | Schraube, AM 3 X 4 DIN 84 | 2038206 |
| 160 | Screw, AM 3 X 5 DIN 84 | Schraube, AM 3 X 5 DIN 84 | 2038208 |
| 161 | Seeger circlip, UG 6 X 1 | Sicherungsring, UG 6 X 1 | 2390007 |
| 162 | Fibre washer | Fiberscheibe | 0286118 |
| 163 | Bearing for dial drive | Lager für Skalatrieb | 0402019 |
| 164 | Spacer pipe | Abstandrohr | 0410300 |
| 165 | Drive shaft with flywheel | Triebwelle mit Schwungrad | 0760451 |
| 166 | Cord pulley for drive shaft | Schnurscheibe für Triebwelle | 0312040 |
| 167 | Screw, AM 3 X 3 DIN 84 | Schraube, AM 3 X 3 DIN 84 | 2038201 |
| 168 | Bracket for PC board | Winkel für Schaltplatte | 0247178 |
| 169 | Screw, AM 3 X 4 DIN 84 | Schraube, AM 3 X 4 DIN 84 | 2038206 |
| 170 | Nut, M 3 DIN 934 | Mutter, M 3 DIN 934 | 2380011 |
| 171 | Soldering tag | Lötfahne | 7530005 |
| 172 | Tooth-lock washer, A 3.2 DIN 6798 | Fächerscheibe, A 3,2 DIN 6798 | 2625002 |




| | | | |
|---|---|---|---|
| 180 | Bushings | Buchsen | 2938005 |
| 181 | Pushbutton switch assembly with PC board, left | Drucktasten-Einheit mit Schaltplatte, links | 8002034 NLA |
| 182 | Chassis | Chassis | 3112016 |
| 183 | Tooth-lock washer, JZC 3 | Fächerscheibe, JZC 3 | 2625007 |
| 184 | Screws, AM 3 X 6 DIN 84 | Schrauben, AM 3 X 6 DIN 84 | 2038247 |
| 185 | Slide shoe | Gleitschützer | 0585018 |
| 186 | Tooth-lock washer, A 3.2 DIN 6798 | Fächerscheibe, A 3,2 DIN 6798 | 2625002 |
| 187 | Soldering tag | Lötfahne | 7530005 |
| 188 | Screw, ART 4271 2.84 X 6.35 mm | Schraube, ART 4271, 2,84 X 6,35 | 2013201 |
| 189 | Screw, AM 3 X 8 DIN 84 | Schraube, AM 3 X 8 DIN 84 | 2038214 |
| 190 | Pushbutton switch assembly with PC board, right | Drucktasten-Einheit mit Schaltplatte, rechts | 8002022 |
| 191 | Radicator | Radicator | 0858047 |
| 192 | Holder for radicator | Halter für Radicator | 0240299 |
| 193 | Nuts, M 3 DIN 934 | Muttern, M 3 DIN 934 | 2380011 |
| 194 | Soldering tag | Lötfahne | 7530005 |
| 195 | Bushings | Hülsen | 2938025 |
| 196 | Tooth-lock washers, JZC 3 | Fächerscheiben, JZC 3 | 2625007 |
| 197 | Screws, AM 3 X 6 DIN 84 | Schrauben, AM 3 X 6 DIN 84 | 2038247 |
| 198 | Cord pulley | Schnurscheibe | 2724002 |
| 199 | Bushing | Buchse | 0410319 |
| 200 | Screw, ART 4271 2.84 X 12.70 mm | Schraube, ART 4271, 2,84 X 12,70 | 2013204 |
| 201 | Mica washer | Glimmerscheibe | 3170002 |
| 202* | Transistor 2 N 5034, with mica washer and bushings | Transistor, 2 N 5034, mit Glimmerscheibe und Isolierhülsen | 8320103 |
| 203 | Clamp for 2 N 5034 | Spannstück für 2 N 5034 | 2641031 |
| 204 | Cover for transistor | Deckel für Transistor | 0525042 |
| 205 | Screws, AM 3 X 10 DIN 87 | Schrauben, AM 3 X 10 DIN 87 | 2038912 |

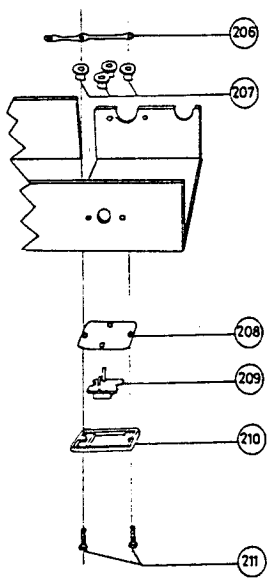
* The nylon bushings, if any, supplied with the 2 N 5034 transistor should not be used. Only the bushings listed under No. 195 above should be used.

*Nylonhülsen, die eventuell dem Transistor 2 N 5034 beiliegen, sind nicht zu benutzen, sondern durch die Hülsen, Pos. Nr. 195, zu ersetzen.

spring for on/off switch 2818007

The BEOMASTER 1000 Type 2316 is available in two versions which differ from each other in regard to the type of mounting used for the 2 N 5034 transistors. Both types of mounting are therefore shown.

Beim Beomaster 1000 Typ 2316 werden die Transistoren 2 N 5034 in zweierlei Weise montiert, und beide Ausführungsweisen werden deshalb gezeigt.

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| | | | |
|---|---|---|---|
| 206 | Soldering tag..... | Lötfahne..... | 7530039 |
| 207 | Bushings..... | Hülsen ..... | 2938025 |
| 208 | Mica washer..... | Glimmerscheibe..... | 3170047 |
| 209* | Transistor 2 N 5034 with mica washer and bushings..... | Transistor 2 N 5034 mit Glimmerscheibe und Isolierhülsen..... | 8320103 |
| 210 | Cover for transistor..... | Deckel für Transistor..... | 3164027 |
| 211 | Screws, AM 2 X 8 DIN 84..... | Schrauben, AM 2 X 8 DIN 84..... | 2034215 |

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TION BERICHTIGI
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1-71. 1-71. 1-71. 1-7

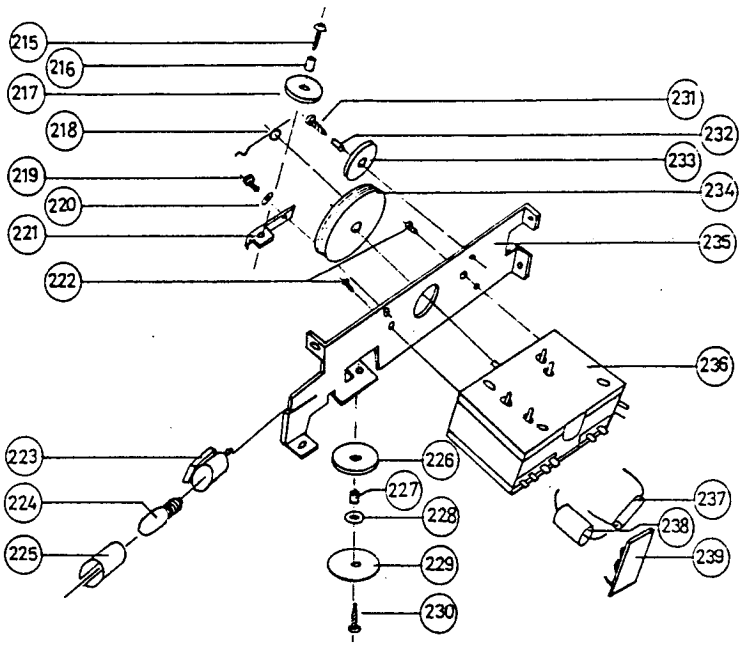
**BEOMASTER 1000 type 2316**

to be pasted on page 31 ~~57~~

auf Seite 21 einzukleben

Concerning output- and series transistors we refer to page 21. 19

Bezüglich Ausgangs- und Serientransistoren wird auf Seite 21 hingewiesen.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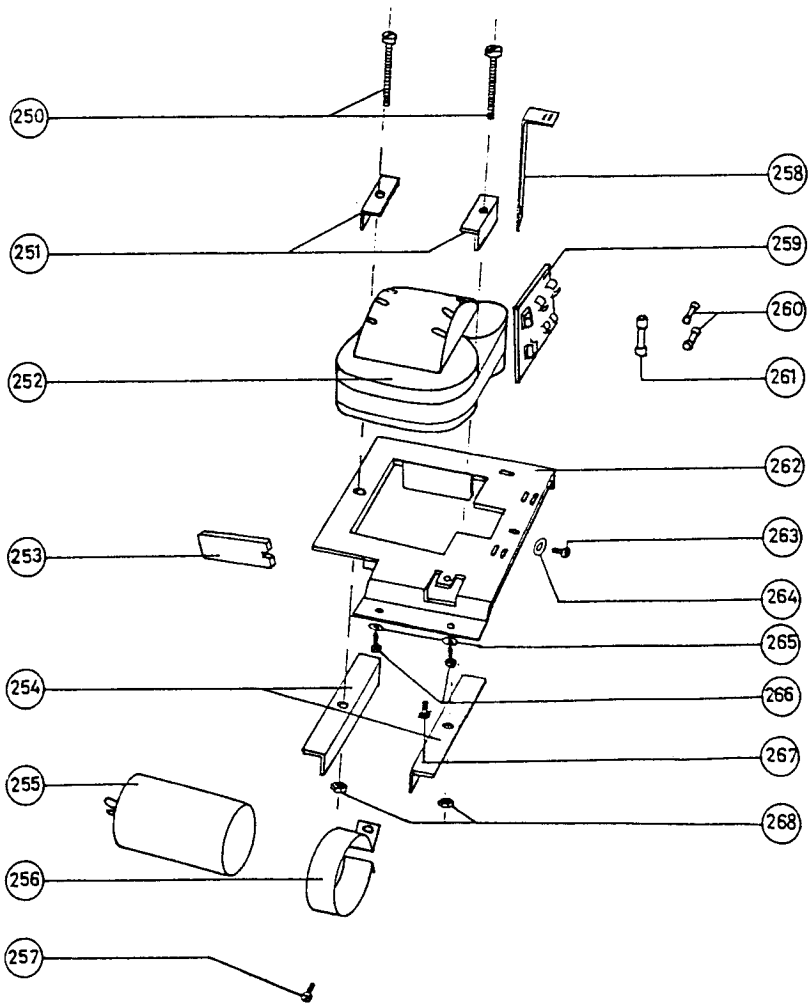
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TECTION CORR
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NG BERICHTIG
. 1-71. 1-71. 1-71

BEOMASTER 1000 type 2316

Correction to page 33

Berichtigung zur Seite 33

234 Dial drive wheel . . . . . Schnurscheibe . . . . . 0312084

| | | | |
|---|---|---|---|
| 215 | Screw, ART 4271 2.84 X 12.70 mm. | Schraube, ART 4271, 2,84 X 12,70. | 2013204 |
| 216 | Bushing. | Buchse. | 0410319 |
| 217 | Cord pulley | Schnurrolle. | 2724002 |
| 218 | Spring | Feder. | 0335148 |
| 219 | Screw, AM 3 X 3 DIN 84. | Schraube, AM 3 X 3 DIN 84 | 2038201 |
| 220 | Washer, 3.2 dia. X 8 dia. X 0.5 mm. | Scheibe, 3,2 Ø X 8 Ø X 0,5 | 2622015 |
| 221 | Bracket. | Winkel | 0245662 |
| 222 | Screw, AM 3 X 3 DIN 84. | Schraube, AM 3 X 3 DIN 84 | 2038201 |
| 223 | Socket for dial bulb | Fassung für Skalenbirne. | 7201002 |
| 224 | Dial bulb, 19 V 0.097 A. C.S.T.E.(EC) | Skalenbirne, 19 V 0,097 A. | 8230004 |
| 225 | BHP tubing | BHP-Rohr. | 0430204 |
| 226 | Cord pulley | Schnurrolle. | 2724002 |
| 227 | Bushing. | Buchse. | 0410319 |
| 228 | Washer, 3.2 dia. X 8 dia. X 1 mm | Scheibe, 3,2 Ø X 8 Ø X 1. | 2622016 |
| 229 | Washer | Scheibe | 0376437 |
| 230 | Screw, ART 4271 2.84 X 12.70 mm. | Schraube, ART 4271, 2,84 X 12,70. | 2013204 |
| 231 | Screw, ART 4271 2.84 X 12.70 mm. | Schraube, ART 4271, 2,84 X 12,70. | 2013204 |
| 232 | Bushing. | Buchse. | 0410319 |
| 233 | Cord pulley | Schnurrolle. | 2724002 |
| ~~234~~ | ~~Dial drive wheel~~ | ~~Schnurscheibe~~ | 0312081 |
| 235 | Bracket. | Winkel | 0248984 |
| 236 | Tuner | Tuner. | 8050010 |
| 237 | Electrolytic capacitor, 1.6 µF/25 V. | Elko, 1,6 µF/25 V | 4200002 |
| 238 | Electrolytic capacitor, 125 µF/16 V. | Elko, 125 µF/16 V | 4200042 |
| 239 | Bandpass filter for FM | Bandpassfilter | 8039004 |
| 250 | Screws, AM 4 X 40 DIN 84. | Schrauben, AM 4 X 40 DIN 84 | 2042233 |
| 251 | Bracket. | Winkel | 0245689 |
| 252 | Transformer 8013019-7 typ | Übertrager | 8013049 |
| 253 | Screen for on/off switch | Abschirmung für Netzschalter | 3302060 |
| 254 | Bracket. | Winkel | 0245684 |
| 255 | Electrolytic capacitor, 3000 µF/50 V. | Elko, 3000 µF/50 V | 4201046 |
| 256 | Clamp for electrolytic capacitor. | Bügel für Elko | 2510034 |
| 257 | Screw, AM 3 X 4 DIN 84. | Schraube, AM 3 X 4 DIN 84 | 2038206 |
| 258 | Bracket. | Winkel | 2530039 |
| 259 | Fuse holder. | Sicherungshalter | 3120140 |
| 260 | Fuses, 1 A slow-blow. | Sicherungen, 1 A, träge | 6600006 |
| 261 | Fuse, 1 A quick-blow. | Sicherung, 1 A, flink | 6604023 |
| 262 | Bracket. | Winkel | 2548018 |
| 263 | Screw, AM 3 X 5 DIN 84. | Schraube, AM 3 X 5 DIN 84 | 2038208 |
| 264 | Tooth-lock washer, external teeth, A 3.2. | Fächerscheibe, A 3,2 | 2625002 |
| 265 | Tooth-lock washer, internal teeth, JZC 3 | Fächerscheibe, JZC 3 | 2625007 |
| 266 | Screw, ART 4271 2.84 X 9.52 mm. | Schraube, ART 4271, 2,84 X 9,52. | 2013202 |
| 267 | Screw, AM 3 X 4 DIN 84. | Schraube, AM 3 X 4 DIN 84 | 2038206 |
| 268 | Nuts, A 4 DIN 934 | Muttern, A 4 DIN 934. | 2380016 |

8013087

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## Parts Not Shown

| | |
|---|---|
| Station decals | 3180119 |
| Mains lead with plug | 6271047 |
| Dial cord | 3955009 |
| Packing, outer container | 3391144 |
| Packing, gable insert | 3391145 |
| Packing, front/back insert | 3391146 |
| Packing, top/bottom insert | 3391147 |
| Foam packing | 0539090 |

## Nicht gezeigte Teile

| | |
|---|---|
| Senderabziehbilder | 3180119 |
| Netzschnur mit Stecker | 6271047 |
| Skalaschnur | 3955009 |
| Verpackung, Aussenschachtel | 3391144 |
| Verpackung, Giebeleinlage | 3391145 |
| Verpackung, Front/Rückeinlage | 3391146 |
| Verpackung, Einlage, obere/untere | 3391147 |
| Schaumstoffverpackung | 0539090 |

| | |
|---|---|
| Operating Instructions (english) | 3502041 |
| Bedienungsanleitung (deutsch) | 3502042 |
| Mode d'emploi (français) | 3502038 |
| Bedieningsinstructies (hollands) | 3502044 |

## Extra Acessories

| | |
|---|---|
| Aerial | 8902010 |
| Multiplex adaptor | 8900001 |

## Zusätzliches Zubehör

| | |
|---|---|
| Antenne | 8902010 |
| Stereo-Decoder | 8900001 |

## PARTS LIST FOR BEOMASTER 1000, TYPE 2317.

| | |
|---|---|
| Multiplex adaptor | 8900001 |

Other parts as Beomaster 1000, Type 2316.

## STÜCKLISTE FÜR BEOMASTER 1000, TYP 2317.

| | |
|---|---|
| Stereo-Decoder | 8900001 |

Die übrigen Teile wie Beomaster 1000, Typ 2316.

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## NOTES / NOTIZEN

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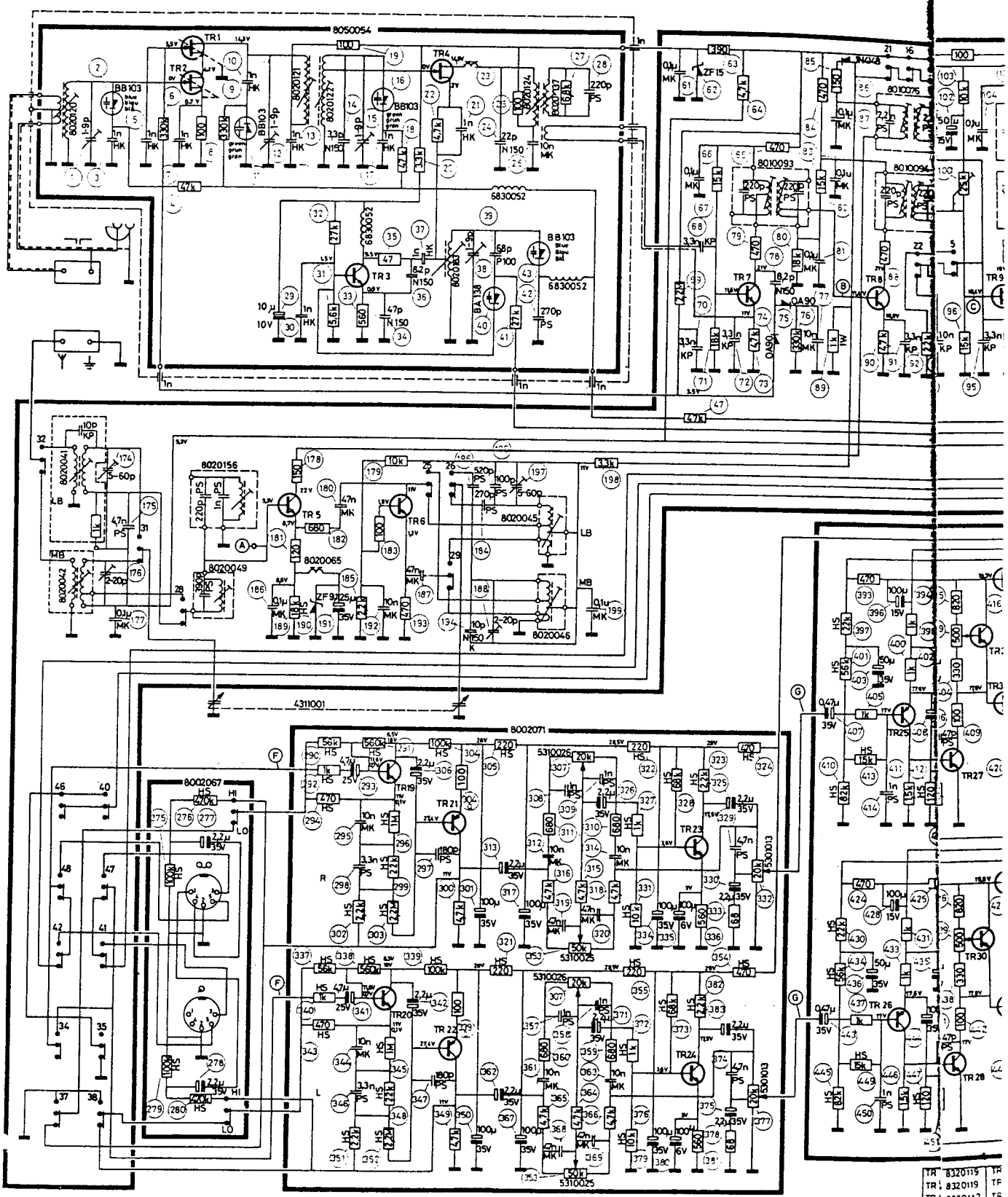
CIRCUIT DIAGRAM OF BEOMASTER 1200, TYPE 2501 / SCHILD - BEO



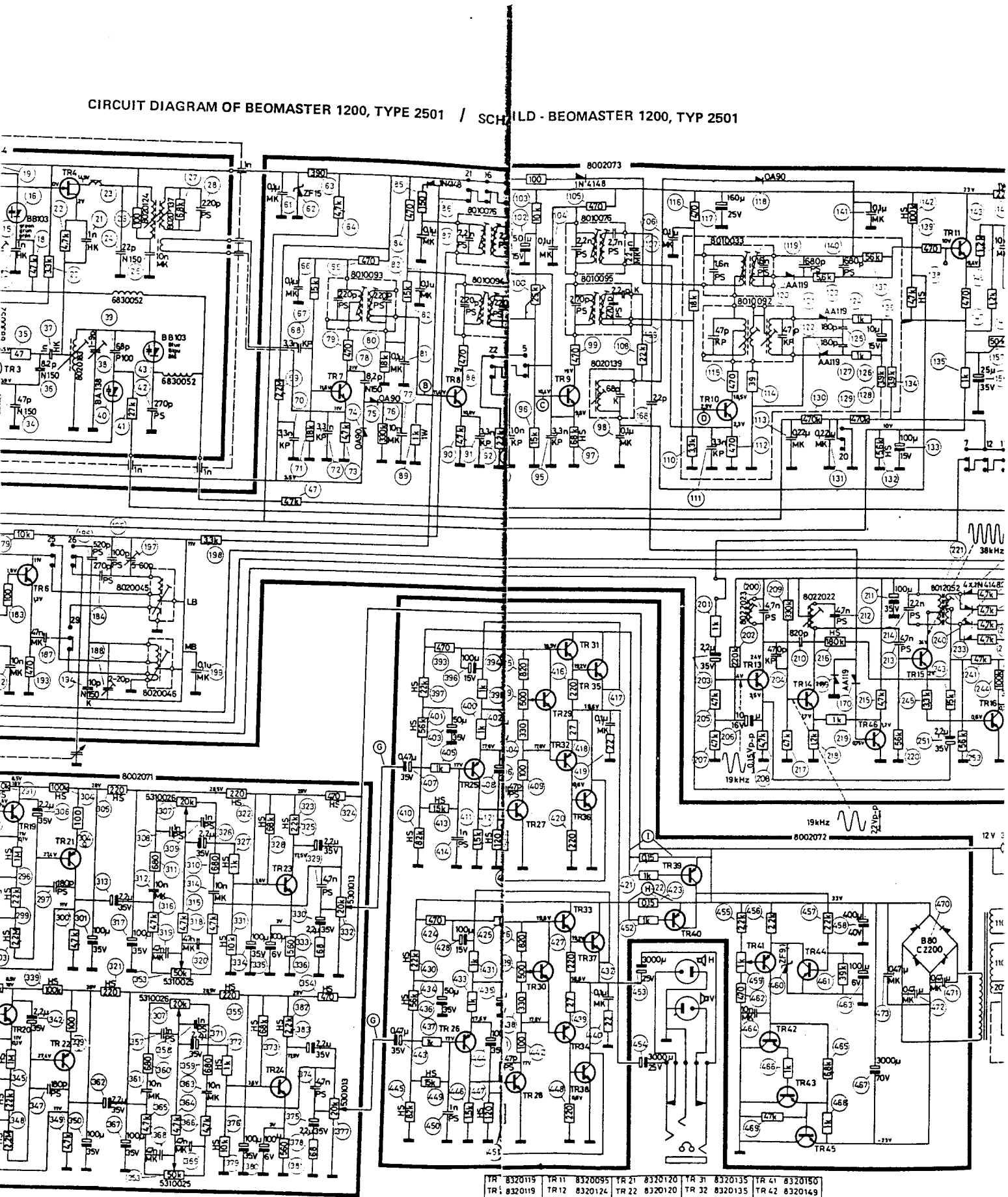

| | |
|---|---|
| Resistors without designation: | GBT 0.5 W |
| Capacitors marked PS: | Polystyrene |
| Capacitors marked MK: | Metallized plastic |
| Capacitors marked KP: | Plaquette |
| Capacitors marked HK: | "High C" |
| Capacitors marked K: | Ceramic |

Voltages listed are positive with respect to chassis. Decoder voltages were measured with pilot signal, other voltages without signal. AM mixer (TR 5) and AM oscillator (TR 6) voltages were measured with one of the AM buttons depressed; other voltages were measured with the FM button depressed.

| | |
|---|---|
| TR | 8320119 |
| TR | 8320119 |
| TR | 8320112 |
| TR | 8320136 |
| TR | 8320089 |
| TR | 8320089 |
| TR | 8320089 |
| TR | 8320089 |
| TR | 8320089 |
| TR | 8320089 |

Sensitivities we
at 0 (mid-scale s
AF sensitivities
FM sensitivities
kHz, $f_{mod.}$ = 4
AM sensitivities
$f_{mod.}$ = 400 Hz

CIRCUIT DIAGRAM OF BEOMASTER 1200, TYPE 2501 / SCHALTBILD - BEOMASTER 1200, TYP 2501




| | | | | | | | |
|---|---|---|---|---|---|---|---|
| TR | 8320119 | TR 11 | 8320095 | TR 21 | 8320120 | TR 31 | 8320135 | TR 41 | 8320150 |
| TR | 8320119 | TR 12 | 8320124 | TR 22 | 8320120 | TR 32 | 8320135 | TR 42 | 8320149 |
| TR | 8320112 | TR 13 | 8320097 | TR 23 | 8320168 | TR 33 | 8320135 | TR 43 | 8320148 |
| TR | 8320136 | TR 14 | 8320097 | TR 24 | 8320168 | TR 34 | 8320135 | TR 44 | 8320056 |
| TR | 8320089 | TR 15 | 8320097 | TR 25 | 8320069 | TR 35 | 8320103 | TR 45 | 8320286 |
| TR | 8320089 | TR 16 | 8320124 | TR 26 | 8320069 | TR 36 | 8320103 | TR 46 | 8320056 |
| TR | 8320089 | TR 17 | 8320097 | TR 27 | 8320092 | TR 37 | 8320103 | | |
| TR | 8320089 | TR 18 | 8320097 | TR 28 | 8320092 | TR 38 | 8320103 | | |
| TR | 8320089 | TR 19 | 8320095 | TR 29 | 8320056 | TR 39 | 8320165 | | |
| TR | 8320089 | TR 20 | 8320095 | TR 30 | 8320056 | TR 40 | 8320165 | | |

Voltages listed are positive with respect to chassis. Decoder voltages were measured with pilot signal, other voltages without signal. AM mixer (TR 5) and AM oscillator (TR 6) voltages were measured with one of the AM buttons depressed; other voltages were measured with the FM button depressed.

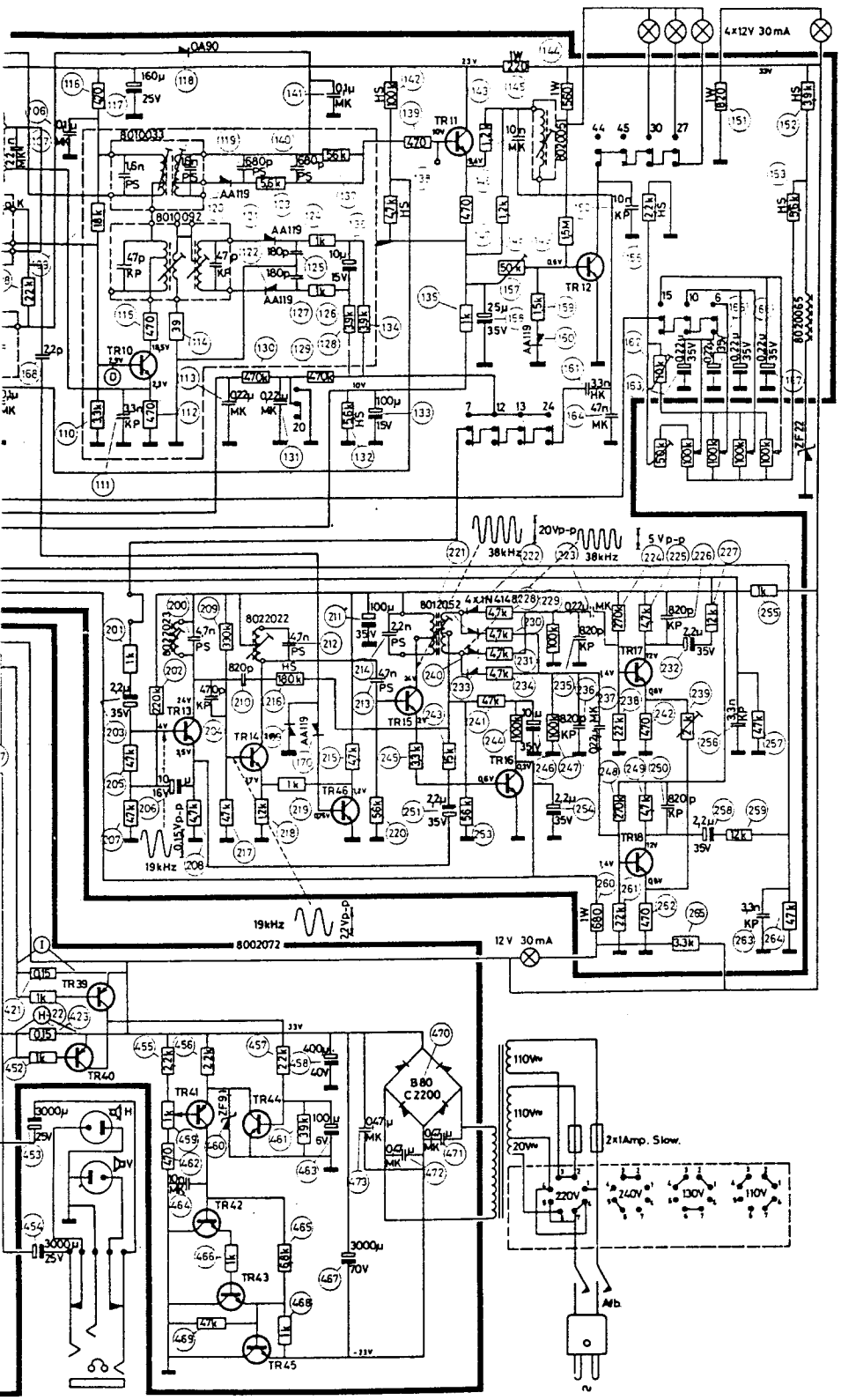
Sensitivities were measured with bass and treble controls at 0 (mid-scale setting).

AF sensitivities were measured at 50 mW output.

FM sensitivities were measured at 5 W output. $\Delta f = 22.5$ kHz, $f_{mod.} = 400$ Hz.

AM sensitivities were measured at 5 W output, 30 % mod., $f_{mod.} = 400$ Hz.

A: 12 µV (468 k
14 µV (1 MHz
B: 70 µV (10.7 M
C: 1.2 mV (10.7 M
140 µV (468 k
D: 50 mV (10.7 M
15 mV (468 k
F: 0.2 mV, low impe
10 mV, high impe
G: 10 mV
H: 7.5 mV (no-signa
I: 7.5 mV (no-signa




| | | | | | |
|---|---|---|---|---|---|
| TR 21 | 8320120 | TR 31 | 8320135 | TR 41 | 8320150 |
| TR 22 | 8320120 | TR 32 | 8320135 | TR 42 | 8320149 |
| TR 23 | 8320168 | TR 33 | 8320135 | TR 43 | 8320148 |
| TR 24 | 8320168 | TR 34 | 8320135 | TR 44 | 8320056 |
| TR 25 | 8320069 | TR 35 | 8320103 | TR 45 | 8320286 |
| TR 26 | 8320069 | TR 36 | 8320103 | TR 46 | 8320056 |
| TR 27 | 8320092 | TR 37 | 8320103 | | |
| TR 28 | 8320092 | TR 38 | 8320103 | | |
| TR 29 | 8320056 | TR 39 | 8320165 | | |
| TR 30 | 8320056 | TR 40 | 8320165 | | |

ed with bass and treble controls

sured at 50 mW output.

asured at 5 W output. $\Delta f = 22.5$

sured at 5 W output, 30 % mod.,

A: 12 µV (468 kHz) through 0.1 µF, RG = 75 ohms
14 µV (1 MHz) through 0.1 µF, RG = 75 ohms
B: 70 µV (10.7 MHz) through 0.1 µF, RG = 75 ohms
C: 1.2 mV (10.7 MHz) through 0.1 µF, RG = 75 ohms
140 µV (468 kHz) through 0.1 µF, RG = 75 ohms
D: 50 mV (10.7 MHz) through 0.1 µF, RG = 75 ohms
15 mV (468 kHz) through 0.1 µF, RG = 75 ohms
F: 0.2 mV, low impedance
10 mV, high impedance
G: 10 mV
H: 7.5 mV (no-signal current)
I: 7.5 mV (no-signal current)

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